

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102518\
 Data File : VF060510.D
 Acq On : 25 Oct 2018 16:31
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 10/26/2018 10:27:55 AM

Quant Time: Oct 26 00:52:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 00:30:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	179200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	270052	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	250888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	167412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	335958	123.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	247.24%	
35) Dibromofluoromethane	4.30	113	285315	114.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	229.56%	
50) Toluene-d8	7.71	98	613387	102.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	205.32%	
62) 4-Bromofluorobenzene	11.51	95	314969	120.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	240.30%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.00	85	396242	112.529	ug/l	89
3) Chloromethane	1.15	50	210195	96.486	ug/l	95
4) Vinyl Chloride	1.19	62	239223	101.237	ug/l	98
5) Bromomethane	1.37	94	216483	116.494	ug/l	97
6) Chloroethane	1.43	64	147488	118.074	ug/l	99
7) Trichlorofluoromethane	1.55	101	712937	134.606	ug/l	97
8) Diethyl Ether	1.70	74	79708	105.176	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	1.90	101	319893	120.739	ug/l	90
10) Methyl Iodide	1.97	142	467520m	111.297	ug/l	
11) Tert butyl alcohol	2.69	59	81715	573.839	ug/l #	86
12) 1,1-Dichloroethene	1.86	96	241877	109.292	ug/l	77
13) Acrolein	2.09	56	81575	924.499	ug/l	92
14) Allyl chloride	2.19	41	380256	116.563	ug/l	98
15) Acrylonitrile	3.07	53	141044	470.475	ug/l	86
16) Acetone	2.33	43	333117	559.385	ug/l	96
17) Carbon Disulfide	1.88	76	621040m	100.908	ug/l	
18) Methyl Acetate	2.45	43	112703	99.855	ug/l	95
19) Methyl tert-butyl Ether	2.54	73	594182	119.270	ug/l	99
20) Methylene Chloride	2.28	84	211064m	102.099	ug/l	
21) trans-1,2-Dichloroethene	2.41	96	231660	112.150	ug/l	90
22) Diisopropyl ether	2.93	45	686036	102.305	ug/l	96
23) Vinyl Acetate	3.33	43	1089270	464.023	ug/l	98
24) 1,1-Dichloroethane	3.01	63	498603	110.796	ug/l	99
25) 2-Butanone	4.50	43	271067	418.159	ug/l	99
26) 2,2-Dichloropropane	3.76	77	309741	132.007	ug/l	98
27) cis-1,2-Dichloroethene	3.64	96	220893	91.611	ug/l	91
28) Bromochloromethane	3.88	49	140961	90.182	ug/l	96
29) Tetrahydrofuran	4.25	42	112269	410.847	ug/l	100
30) Chloroform	4.04	83	578190	111.026	ug/l	92
31) Cyclohexane	3.85	56	251607	87.397	ug/l	97
32) 1,1,1-Trichloroethane	4.28	97	509560	124.204	ug/l	96
36) 1,1-Dichloropropene	4.45	75	358979	114.282	ug/l	95
37) Ethyl Acetate	4.29	43	102895	92.736	ug/l #	89
38) Carbon Tetrachloride	4.17	117	491449m	155.752	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102518\
 Data File : VF060510.D
 Acq On : 25 Oct 2018 16:31
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 10/26/2018 10:27:55 AM

Quant Time: Oct 26 00:52:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 00:30:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	292334	98.842	ug/l	87
40) Benzene	4.81	78	607038	94.122	ug/l	100
41) Methacrylonitrile	4.92	41	61098	96.916	ug/l #	89
42) 1,2-Dichloroethane	5.11	62	395555	135.192	ug/l	100
43) Isopropyl Acetate	7.11	43	123416	89.246	ug/l #	96
44) Trichloroethene	5.68	130	207956	103.505	ug/l	94
45) 1,2-Dichloropropane	6.41	63	152413	96.538	ug/l	98
46) Dibromomethane	6.25	93	144821	114.355	ug/l	93
47) Bromodichloromethane	6.54	83	410107	128.222	ug/l	98
48) Methyl methacrylate	6.87	41	100022	106.775	ug/l	99
49) 1,4-Dioxane	6.86	88	18425	2287.886	ug/l #	84
51) 4-Methyl-2-Pentanone	8.41	43	488866	506.771	ug/l	95
52) Toluene	7.78	92	382866	94.260	ug/l	94
53) t-1,3-Dichloropropene	8.43	75	280622	112.968	ug/l	94
54) cis-1,3-Dichloropropene	7.46	75	309631	107.022	ug/l	95
55) 1,1,2-Trichloroethane	8.63	97	129038	103.368	ug/l	92
56) Ethyl methacrylate	8.76	69	143197	99.143	ug/l	89
57) 1,3-Dichloropropane	9.00	76	217085	100.993	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.78	63	87121	593.579	ug/l	100
59) 2-Hexanone	9.63	43	326771	468.300	ug/l	98
60) Dibromochloromethane	8.86	129	249624	127.390	ug/l	98
61) 1,2-Dibromoethane	9.14	107	151998	107.763	ug/l	97
64) Tetrachloroethene	8.31	164	185994	93.534	ug/l	95
65) Chlorobenzene	9.94	112	481870	98.898	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.07	131	257570	117.358	ug/l	96
67) Ethyl Benzene	10.03	91	947765	103.101	ug/l	98
68) m/p-Xylenes	10.27	106	615415	196.114	ug/l	94
69) o-Xylene	10.83	106	356708	104.526	ug/l	87
70) Styrene	10.90	104	479818	97.678	ug/l	99
71) Bromoform	10.89	173	134351	120.743	ug/l	99
73) Isopropylbenzene	11.23	105	1155695	92.870	ug/l	97
74) N-amyl acetate	11.46	43	218778	80.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.79	83	197893	94.612	ug/l	99
76) 1,2,3-Trichloropropane	11.89	75	159271	98.501	ug/l	98
77) Bromobenzene	11.59	156	264826	95.762	ug/l	95
78) n-propylbenzene	11.69	91	1390213	93.800	ug/l	97
79) 2-Chlorotoluene	11.82	91	868510	100.098	ug/l	93
80) 1,3,5-Trimethylbenzene	11.92	105	1053110	100.876	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.96	75	72928m	103.446	ug/l	
82) 4-Chlorotoluene	11.98	91	888244	99.225	ug/l	99
83) tert-Butylbenzene	12.21	119	1065666	101.542	ug/l	99
84) 1,2,4-Trimethylbenzene	12.29	105	1037341	97.870	ug/l	91
85) sec-Butylbenzene	12.39	105	1435009	100.818	ug/l	96
86) p-Isopropyltoluene	12.54	119	1177600	100.781	ug/l	97
87) 1,3-Dichlorobenzene	12.56	146	489459	92.920	ug/l	99
88) 1,4-Dichlorobenzene	12.65	146	505911	99.034	ug/l	99
89) n-Butylbenzene	12.92	91	1214709	99.346	ug/l	93
90) Hexachloroethane	12.99	117	329860	118.057	ug/l	100
91) 1,2-Dichlorobenzene	13.02	146	482417	95.136	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.71	75	49977	112.574	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102518\
Data File : VF060510.D
Acq On : 25 Oct 2018 16:31
Operator : VA/AP
Sample : VSTDICC100
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

apatel
10/26/2018 10:27:55 AM

Quant Time: Oct 26 00:52:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 26 00:30:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	386522	98.705	ug/l	96
94) Hexachlorobutadiene	14.25	225	300349	112.815	ug/l	97
95) Naphthalene	14.52	128	744553	110.605	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	389056	106.640	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

