

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102918\
 Data File : VF060533.D
 Acq On : 29 Oct 2018 17:24
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 10/30/2018 2:07:18 PM

Quant Time: Oct 30 04:45:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 30 04:16:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	311097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	486109	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	434350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	256282	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	88615	14.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	29.74%	
35) Dibromofluoromethane	4.31	113	96944	17.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	34.46%	
50) Toluene-d8	7.72	98	242306	20.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.34%	
62) 4-Bromofluorobenzene	11.52	95	110183	17.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	34.74%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.00	85	154453	19.259	ug/l	100
3) Chloromethane	1.15	50	81234	21.031	ug/l	100
4) Vinyl Chloride	1.18	62	80770	18.469	ug/l	89
5) Bromomethane	1.36	94	59344	13.842	ug/l	83
6) Chloroethane	1.43	64	38516	14.548	ug/l	93
7) Trichlorofluoromethane	1.55	101	187793	13.933	ug/l	100
8) Diethyl Ether	1.71	74	20113	15.354	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	1.90	101	91191	15.669	ug/l	95
10) Methyl Iodide	1.98	142	137817m	16.530	ug/l	
11) Tert butyl alcohol	2.69	59	18952	60.671	ug/l	98
12) 1,1-Dichloroethene	1.87	96	72454	17.125	ug/l	100
13) Acrolein	2.09	56	18503	71.548	ug/l	91
14) Allyl chloride	2.20	41	111502	16.422	ug/l	85
15) Acrylonitrile	3.09	53	47503	95.340	ug/l	93
16) Acetone	2.35	43	105239	75.429	ug/l	100
17) Carbon Disulfide	1.89	76	207655	17.546	ug/l #	88
18) Methyl Acetate	2.46	43	19307m	9.843	ug/l	
19) Methyl tert-butyl Ether	2.55	73	152812	14.521	ug/l	99
20) Methylene Chloride	2.29	84	69735m	16.329	ug/l	
21) trans-1,2-Dichloroethene	2.42	96	72200	17.577	ug/l	93
22) Diisopropyl ether	2.93	45	204474	16.869	ug/l	98
23) Vinyl Acetate	3.34	43	382467	96.413	ug/l	99
24) 1,1-Dichloroethane	3.01	63	151943	16.676	ug/l	100
25) 2-Butanone	4.53	43	133966	119.658	ug/l	94
26) 2,2-Dichloropropane	3.77	77	95405	15.741	ug/l	100
27) cis-1,2-Dichloroethene	3.65	96	90664	22.209	ug/l	96
28) Bromochloromethane	3.90	49	49164	17.377	ug/l #	98
29) Tetrahydrofuran	4.26	42	39483	90.068	ug/l	98
30) Chloroform	4.05	83	188490	17.494	ug/l	99
31) Cyclohexane	3.88	56	110063	22.706	ug/l	96
32) 1,1,1-Trichloroethane	4.29	97	163792	16.739	ug/l	98
36) 1,1-Dichloropropene	4.47	75	132383	18.774	ug/l	95
37) Ethyl Acetate	4.30	43	36550	15.714	ug/l #	86
38) Carbon Tetrachloride	4.18	117	159095	15.498	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102918\
 Data File : VF060533.D
 Acq On : 29 Oct 2018 17:24
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 10/30/2018 2:07:18 PM

Quant Time: Oct 30 04:45:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 30 04:16:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	134044	22.582	ug/l	95
40) Benzene	4.82	78	257547	21.476	ug/l	99
41) Methacrylonitrile	4.93	41	23288	19.450	ug/l #	93
42) 1,2-Dichloroethane	5.13	62	118075	16.136	ug/l	95
43) Isopropyl Acetate	7.12	43	46288	18.456	ug/l #	93
44) Trichloroethene	5.69	130	85880	20.893	ug/l	87
45) 1,2-Dichloropropane	6.42	63	65241	21.710	ug/l	99
46) Dibromomethane	6.26	93	49487	17.919	ug/l	94
47) Bromodichloromethane	6.57	83	125452	16.446	ug/l	99
48) Methyl methacrylate	6.89	41	35148	18.927	ug/l	88
49) 1,4-Dioxane	6.88	88	6903	422.034	ug/l #	63
51) 4-Methyl-2-Pentanone	8.42	43	182477	95.585	ug/l	90
52) Toluene	7.79	92	167047	21.156	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	102725	18.002	ug/l	99
54) cis-1,3-Dichloropropene	7.47	75	119351	19.977	ug/l	94
55) 1,1,2-Trichloroethane	8.66	97	50452	20.562	ug/l	88
56) Ethyl methacrylate	8.77	69	52727	19.668	ug/l #	90
57) 1,3-Dichloropropane	9.01	76	83383	19.199	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.79	63	28768	83.152	ug/l	100
59) 2-Hexanone	9.64	43	131479	92.468	ug/l	88
60) Dibromochloromethane	8.87	129	80328	17.627	ug/l	90
61) 1,2-Dibromoethane	9.15	107	55858	19.253	ug/l	90
64) Tetrachloroethene	8.32	164	77092	20.606	ug/l	96
65) Chlorobenzene	9.96	112	179400	19.466	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.09	131	86188	18.724	ug/l	94
67) Ethyl Benzene	10.05	91	362972	19.579	ug/l	100
68) m/p-Xylenes	10.28	106	242812	41.370	ug/l	100
69) o-Xylene	10.84	106	135212	20.332	ug/l	95
70) Styrene	10.91	104	201853	21.707	ug/l	95
71) Bromoform	10.89	173	41087	16.571	ug/l #	95
73) Isopropylbenzene	11.24	105	419867	20.631	ug/l	99
74) N-amyl acetate	11.48	43	76916	20.816	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.79	83	65741	21.771	ug/l	92
76) 1,2,3-Trichloropropane	11.89	75	52493	20.459	ug/l	96
77) Bromobenzene	11.60	156	91381	21.345	ug/l	87
78) n-propylbenzene	11.69	91	532280	22.429	ug/l	94
79) 2-Chlorotoluene	11.82	91	314428	21.868	ug/l	96
80) 1,3,5-Trimethylbenzene	11.92	105	386180	21.679	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.96	75	24234m	22.488	ug/l	
82) 4-Chlorotoluene	12.00	91	308615	20.274	ug/l	99
83) tert-Butylbenzene	12.23	119	364798	20.548	ug/l	97
84) 1,2,4-Trimethylbenzene	12.29	105	381586	21.639	ug/l	97
85) sec-Butylbenzene	12.39	105	517728	21.492	ug/l	98
86) p-Isopropyltoluene	12.55	119	422387	20.734	ug/l	97
87) 1,3-Dichlorobenzene	12.56	146	192620	22.230	ug/l	95
88) 1,4-Dichlorobenzene	12.65	146	169370	20.301	ug/l	94
89) n-Butylbenzene	12.92	91	462128	21.294	ug/l	96
90) Hexachloroethane	13.00	117	104936	19.689	ug/l	88
91) 1,2-Dichlorobenzene	13.02	146	173955	20.943	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	13.72	75	12578	17.148	ug/l	90

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102918\
Data File : VF060533.D
Acq On : 29 Oct 2018 17:24
Operator : VA/AP
Sample : VSTDICC020
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

apatel
10/30/2018 2:07:18 PM

Quant Time: Oct 30 04:45:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 30 04:16:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.28	180	132445	19.923	ug/l	95
94) Hexachlorobutadiene	14.27	225	96580	19.715	ug/l	96
95) Naphthalene	14.53	128	218697	20.462	ug/l	99
96) 1,2,3-Trichlorobenzene	14.68	180	127494	20.819	ug/l	98

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

