

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
 Data File : VY000795.D
 Acq On : 26 Nov 2019 12:00
 Operator : SY/MD
 Sample : VY1126SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Manual Integrations
 APPROVED

apatel
 11/27/2019 5:14:28 PM

Quant Time: Nov 26 12:35:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	299026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	520431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	454507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216347	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	164535	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
35) Dibromofluoromethane	7.72	113	160897	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	10.18	98	642094	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
62) 4-Bromofluorobenzene	12.48	95	232866	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	54407	18.483	ug/l	97
3) Chloromethane	2.12	50	73578	18.145	ug/l	100
4) Vinyl Chloride	2.25	62	73049	19.399	ug/l	99
5) Bromomethane	2.64	94	46656	20.662	ug/l	99
6) Chloroethane	2.79	64	47380	20.104	ug/l	96
7) Trichlorofluoromethane	3.12	101	104609	20.571	ug/l	99
8) Diethyl Ether	3.53	74	40659	22.502	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.90	101	68203	22.184	ug/l	95
10) Methyl Iodide	4.08	142	78447	21.344	ug/l	99
11) Tert butyl alcohol	4.97	59	34987	116.146	ug/l #	92
12) 1,1-Dichloroethene	3.87	96	66352	22.214	ug/l	96
13) Acrolein	3.73	56	19721	75.159	ug/l	97
14) Allyl chloride	4.48	41	118297	24.356	ug/l	93
15) Acrylonitrile	5.18	53	113422	122.535	ug/l	99
16) Acetone	3.95	43	80707	94.628	ug/l	99
17) Carbon Disulfide	4.19	76	194256	20.620	ug/l	99
18) Methyl Acetate	4.48	43	61008	23.005	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	188828	22.737	ug/l	99
20) Methylene Chloride	4.71	84	81054	22.179	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	75431	22.338	ug/l	97
22) Diisopropyl ether	6.12	45	247148	23.411	ug/l	97
23) Vinyl Acetate	6.07	43	769795	115.516	ug/l	97
24) 1,1-Dichloroethane	6.02	63	134164	23.459	ug/l	99
25) 2-Butanone	6.99	43	148994	109.462	ug/l	97
26) 2,2-Dichloropropane	6.99	77	115882	22.172	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	86190	23.342	ug/l	99
28) Bromochloromethane	7.34	49	33029	15.719	ug/l	98
29) Tetrahydrofuran	7.35	42	94137	113.050	ug/l	97
30) Chloroform	7.52	83	134676	23.278	ug/l	96
31) Cyclohexane	7.78	56	135535	22.627	ug/l #	95
32) 1,1,1-Trichloroethane	7.71	97	112880	21.892	ug/l	98
36) 1,1-Dichloropropene	7.92	75	106031	21.551	ug/l	99
37) Ethyl Acetate	7.08	43	61341	21.000	ug/l	97
38) Carbon Tetrachloride	7.90	117	95680	20.211	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
 Data File : VY000795.D
 Acq On : 26 Nov 2019 12:00
 Operator : SY/MD
 Sample : VY1126SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VY1126SBS01

Manual Integrations
 APPROVED

apatel
 11/27/2019 5:14:28 PM

Quant Time: Nov 26 12:35:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	134690	21.191	ug/l	95
40) Benzene	8.16	78	313618	21.743	ug/l	99
41) Methacrylonitrile	7.32	41	28162m	17.283	ug/l	
42) 1,2-Dichloroethane	8.24	62	86966	21.258	ug/l	98
43) Isopropyl Acetate	8.28	43	119921	21.855	ug/l	99
44) Trichloroethene	8.94	130	82612	21.722	ug/l	98
45) 1,2-Dichloropropane	9.22	63	80165	22.582	ug/l	91
46) Dibromomethane	9.31	93	41005	21.003	ug/l	97
47) Bromodichloromethane	9.50	83	100368	21.666	ug/l	99
48) Methyl methacrylate	9.29	41	51867	21.634	ug/l	95
49) 1,4-Dioxane	9.30	88	12252	466.280	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	317578	108.859	ug/l	96
52) Toluene	10.24	92	193930	21.266	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	107481	21.714	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	126507	22.309	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	61293	21.705	ug/l	96
56) Ethyl methacrylate	10.50	69	91363	22.827	ug/l	95
57) 1,3-Dichloropropane	10.79	76	110606	22.379	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	203894	112.684	ug/l	98
59) 2-Hexanone	10.83	43	227351	106.961	ug/l	96
60) Dibromochloromethane	10.99	129	68515	21.182	ug/l	98
61) 1,2-Dibromoethane	11.08	107	58747	21.637	ug/l	96
64) Tetrachloroethene	10.72	164	86040	22.894	ug/l	97
65) Chlorobenzene	11.51	112	204059	22.144	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	69882	21.866	ug/l	99
67) Ethyl Benzene	11.59	91	383994	22.642	ug/l	99
68) m/p-Xylenes	11.70	106	283649	43.212	ug/l	96
69) o-Xylene	12.02	106	132291	21.444	ug/l	99
70) Styrene	12.04	104	232608	22.019	ug/l	99
71) Bromoform	12.20	173	39402	21.435	ug/l #	99
73) Isopropylbenzene	12.33	105	361852	22.630	ug/l	99
74) N-amyl acetate	12.14	43	100456	21.936	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	70231	22.183	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	50229m	20.390	ug/l	
77) Bromobenzene	12.61	156	79561	21.942	ug/l	94
78) n-propylbenzene	12.67	91	443659	22.996	ug/l	100
79) 2-Chlorotoluene	12.75	91	247452	23.103	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	301597	22.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	27229	24.783	ug/l	88
82) 4-Chlorotoluene	12.85	91	255327	22.997	ug/l	98
83) tert-Butylbenzene	13.07	119	250980	22.073	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	303589	22.896	ug/l	98
85) sec-Butylbenzene	13.25	105	369030	22.780	ug/l	100
86) p-Isopropyltoluene	13.36	119	325945	22.575	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	154681	21.779	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	154688	21.796	ug/l	99
89) n-Butylbenzene	13.69	91	328203	23.047	ug/l	100
90) Hexachloroethane	13.95	117	61009	22.857	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	142486	22.112	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12438	22.198	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
Data File : VY000795.D
Acq On : 26 Nov 2019 12:00
Operator : SY/MD
Sample : VY1126SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Manual Integrations
APPROVED

apatel
11/27/2019 5:14:28 PM

Quant Time: Nov 26 12:35:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	95192	21.696	ug/l	98
94) Hexachlorobutadiene	15.11	225	48457	21.425	ug/l	99
95) Naphthalene	15.23	128	224533	23.052	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	85594	21.744	ug/l	99

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

