

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000908.D
 Acq On : 09 Dec 2019 12:09
 Operator : SY/MD
 Sample : VY1209SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Manual Integrations
 APPROVED

apatel
 12/10/2019 4:08:56 PM

Quant Time: Dec 10 06:57:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	319726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	556844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	492028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	230813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	165854	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.72	113	160873	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	10.18	98	677747	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.48	95	233600	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	66260	19.252	ug/l	99
3) Chloromethane	2.12	50	82591	19.467	ug/l	98
4) Vinyl Chloride	2.25	62	84026	20.096	ug/l	100
5) Bromomethane	2.65	94	51395	18.865	ug/l	96
6) Chloroethane	2.79	64	50811	19.820	ug/l	99
7) Trichlorofluoromethane	3.12	101	119738	20.896	ug/l	97
8) Diethyl Ether	3.53	74	45706	21.192	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	75459	21.324	ug/l	98
10) Methyl Iodide	4.10	142	91557	20.550	ug/l	97
11) Tert butyl alcohol	4.97	59	33433	97.814	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	74870	21.357	ug/l	90
13) Acrolein	3.74	56	34903	103.663	ug/l	95
14) Allyl chloride	4.48	41	123412	20.531	ug/l	97
15) Acrylonitrile	5.17	53	112539	101.053	ug/l	98
16) Acetone	3.96	43	80396	103.158	ug/l	97
17) Carbon Disulfide	4.19	76	235502	20.771	ug/l	99
18) Methyl Acetate	4.48	43	61329	18.820	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	197594	21.105	ug/l	99
20) Methylene Chloride	4.72	84	97488	23.731	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	82158	20.619	ug/l	98
22) Diisopropyl ether	6.13	45	257407	20.835	ug/l	99
23) Vinyl Acetate	6.07	43	773229	102.951	ug/l	99
24) 1,1-Dichloroethane	6.02	63	140992	20.706	ug/l	98
25) 2-Butanone	7.00	43	140746	97.763	ug/l	100
26) 2,2-Dichloropropane	6.99	77	119746	20.895	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	91851	21.326	ug/l	100
28) Bromochloromethane	7.34	49	32677	14.576	ug/l	98
29) Tetrahydrofuran	7.35	42	95421	100.022	ug/l	99
30) Chloroform	7.51	83	135690	19.864	ug/l	97
31) Cyclohexane	7.78	56	147847	20.496	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	117022	20.747	ug/l	99
36) 1,1-Dichloropropene	7.93	75	114138	20.615	ug/l	100
37) Ethyl Acetate	7.08	43	63205	19.770	ug/l	100
38) Carbon Tetrachloride	7.91	117	102811	20.851	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	153058	20.865	ug/l	91
40) Benzene	8.16	78	339937	21.078	ug/l	96
41) Methacrylonitrile	7.33	41	37223m	22.091	ug/l	
42) 1,2-Dichloroethane	8.24	62	87070	20.529	ug/l	98
43) Isopropyl Acetate	8.28	43	118219	19.623	ug/l	100
44) Trichloroethene	8.94	130	89342	21.556	ug/l	94
45) 1,2-Dichloropropane	9.22	63	87066	21.493	ug/l	94
46) Dibromomethane	9.31	93	43638	20.617	ug/l	98
47) Bromodichloromethane	9.50	83	101469	20.407	ug/l	99
48) Methyl methacrylate	9.29	41	51608	19.480	ug/l	95
49) 1,4-Dioxane	9.30	88	11364	378.922	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	313830	100.820	ug/l	100
52) Toluene	10.24	92	210557	21.086	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	111678	20.906	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	131274	20.790	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	65416	20.919	ug/l	97
56) Ethyl methacrylate	10.51	69	96094	21.481	ug/l	97
57) 1,3-Dichloropropane	10.79	76	113803	20.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	183993	102.006	ug/l	99
59) 2-Hexanone	10.83	43	217120	95.723	ug/l	100
60) Dibromochloromethane	10.98	129	69582	20.670	ug/l	99
61) 1,2-Dibromoethane	11.08	107	62889	21.339	ug/l	95
64) Tetrachloroethene	10.72	164	94509	22.108	ug/l	98
65) Chlorobenzene	11.51	112	216463	21.165	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	76033	22.060	ug/l	97
67) Ethyl Benzene	11.59	91	402926	21.154	ug/l	99
68) m/p-Xylenes	11.70	106	306623	42.888	ug/l	97
69) o-Xylene	12.03	106	141038	21.158	ug/l	99
70) Styrene	12.04	104	244905	21.456	ug/l	99
71) Bromoform	12.20	173	40901	21.040	ug/l #	99
73) Isopropylbenzene	12.33	105	380537	20.706	ug/l	100
74) N-amyl acetate	12.14	43	102248	19.989	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	72900	20.132	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	50787m	19.421	ug/l	
77) Bromobenzene	12.61	156	82273	20.653	ug/l	99
78) n-propylbenzene	12.67	91	466731	20.799	ug/l	98
79) 2-Chlorotoluene	12.75	91	256353	20.679	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	313506	20.603	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	27409	20.588	ug/l	99
82) 4-Chlorotoluene	12.85	91	268306	21.007	ug/l	100
83) tert-Butylbenzene	13.07	119	262982	20.556	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	320672	21.064	ug/l	100
85) sec-Butylbenzene	13.25	105	393704	21.160	ug/l	100
86) p-Isopropyltoluene	13.36	119	344203	21.270	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	164158	21.006	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	164501	21.259	ug/l	99
89) n-Butylbenzene	13.69	91	349433	21.357	ug/l	99
90) Hexachloroethane	13.95	117	62636	21.011	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	151624	21.570	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13638	22.496	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	104252	21.918	ug/l	99
94) Hexachlorobutadiene	15.11	225	52124	22.102	ug/l	99
95) Naphthalene	15.23	128	239339	21.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94338	22.204	ug/l	96

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

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