

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000897.D
 Acq On : 06 Dec 2019 13:33
 Operator : SY/MD
 Sample : VY1206SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Manual Integrations
 APPROVED

apatel
 12/9/2019 11:24:15 AM

Quant Time: Dec 06 18:06:24 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	346709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	614881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	548613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	248866	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	174999	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
35) Dibromofluoromethane	7.73	113	168800	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
50) Toluene-d8	10.18	98	698767	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.48	95	241170	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	70031	18.764	ug/l	99
3) Chloromethane	2.11	50	82157	17.858	ug/l	98
4) Vinyl Chloride	2.25	62	82580	18.213	ug/l	95
5) Bromomethane	2.65	94	40333	13.397	ug/l	92
6) Chloroethane	2.79	64	46156	16.603	ug/l	99
7) Trichlorofluoromethane	3.13	101	125358	20.174	ug/l	96
8) Diethyl Ether	3.54	74	47878	20.472	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	77008	20.068	ug/l	99
10) Methyl Iodide	4.10	142	96574	19.989	ug/l	99
11) Tert butyl alcohol	5.00	59	32392	87.393	ug/l #	74
12) 1,1-Dichloroethene	3.87	96	79343	20.872	ug/l	92
13) Acrolein	3.74	56	38021	104.135	ug/l	95
14) Allyl chloride	4.49	41	127965	19.632	ug/l	98
15) Acrylonitrile	5.18	53	118344	97.995	ug/l	98
16) Acetone	3.96	43	78084	92.394	ug/l	95
17) Carbon Disulfide	4.19	76	241745	19.662	ug/l	99
18) Methyl Acetate	4.49	43	64578	18.275	ug/l	93
19) Methyl tert-butyl Ether	5.23	73	204764	20.169	ug/l	97
20) Methylene Chloride	4.72	84	100135	22.478	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	87276	20.199	ug/l	99
22) Diisopropyl ether	6.13	45	268532	20.044	ug/l	98
23) Vinyl Acetate	6.07	43	808112	99.222	ug/l	99
24) 1,1-Dichloroethane	6.03	63	150302	20.355	ug/l	95
25) 2-Butanone	7.00	43	141730	90.785	ug/l	98
26) 2,2-Dichloropropane	6.99	77	125782	20.240	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	95276	20.399	ug/l	98
28) Bromochloromethane	7.34	49	33711	13.965	ug/l	96
29) Tetrahydrofuran	7.36	42	95448	92.264	ug/l	98
30) Chloroform	7.52	83	142283	19.209	ug/l	95
31) Cyclohexane	7.78	56	153060	19.568	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	121273	19.827	ug/l	99
36) 1,1-Dichloropropene	7.93	75	122116	19.974	ug/l	99
37) Ethyl Acetate	7.09	43	69107	19.576	ug/l	99
38) Carbon Tetrachloride	7.91	117	106566	19.572	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	155341	19.178	ug/l	98
40) Benzene	8.17	78	352562	19.798	ug/l	100
41) Methacrylonitrile	7.32	41	28093	15.099	ug/l #	66
42) 1,2-Dichloroethane	8.24	62	89029	19.009	ug/l	100
43) Isopropyl Acetate	8.28	43	123791	18.608	ug/l	99
44) Trichloroethene	8.94	130	92385	20.186	ug/l	89
45) 1,2-Dichloropropane	9.22	63	89798	20.075	ug/l	96
46) Dibromomethane	9.31	93	46716	19.988	ug/l	99
47) Bromodichloromethane	9.50	83	107029	19.494	ug/l	99
48) Methyl methacrylate	9.30	41	53626	18.332	ug/l	96
49) 1,4-Dioxane	9.32	88	12920	390.143	ug/l #	78
51) 4-Methyl-2-Pentanone	10.07	43	327060	95.153	ug/l	99
52) Toluene	10.24	92	217239	19.702	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	115972	19.661	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	137772	19.760	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	67154	19.448	ug/l	99
56) Ethyl methacrylate	10.51	69	98516	19.944	ug/l	98
57) 1,3-Dichloropropane	10.79	76	121070	20.117	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	193762	97.283	ug/l	98
59) 2-Hexanone	10.83	43	222630	88.888	ug/l	99
60) Dibromochloromethane	10.98	129	72077	19.390	ug/l	100
61) 1,2-Dibromoethane	11.09	107	67056	20.606	ug/l	96
64) Tetrachloroethene	10.72	164	98534	20.672	ug/l	97
65) Chlorobenzene	11.51	112	225937	19.813	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	75560	19.661	ug/l	97
67) Ethyl Benzene	11.59	91	421373	19.840	ug/l	99
68) m/p-Xylenes	11.70	106	310564	38.959	ug/l	99
69) o-Xylene	12.03	106	145227	19.539	ug/l	98
70) Styrene	12.04	104	250489	19.682	ug/l	99
71) Bromoform	12.20	173	41563	19.175	ug/l #	98
73) Isopropylbenzene	12.33	105	396668	20.018	ug/l	99
74) N-amyl acetate	12.14	43	106497	19.309	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	75343	19.297	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	52376m	18.576	ug/l	
77) Bromobenzene	12.61	156	86318	20.096	ug/l	98
78) n-propylbenzene	12.67	91	484814	20.038	ug/l	100
79) 2-Chlorotoluene	12.75	91	265254	19.845	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	326386	19.894	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.37	75	27969	19.485	ug/l	97
82) 4-Chlorotoluene	12.85	91	278230	20.204	ug/l	100
83) tert-Butylbenzene	13.07	119	267777	19.413	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	326391	19.884	ug/l	99
85) sec-Butylbenzene	13.25	105	409426	20.409	ug/l	99
86) p-Isopropyltoluene	13.36	119	350753	20.102	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	170366	20.219	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	169148	20.274	ug/l	99
89) n-Butylbenzene	13.69	91	354091	20.071	ug/l	100
90) Hexachloroethane	13.95	117	64731	20.139	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	154108	20.333	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	13058	19.977	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	105201	20.513	ug/l	99
94) Hexachlorobutadiene	15.11	225	53207	20.925	ug/l	99
95) Naphthalene	15.23	128	245127	20.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	93510	20.413	ug/l	100

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

