

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102219\
 Data File : VY000359.D
 Acq On : 22 Oct 2019 12:56
 Operator : SY/MD
 Sample : VY1022SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 4:34:04 PM

Quant Time: Oct 23 08:13:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	268914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	436118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	390087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	191083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	139278	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.73	113	128100	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	10.18	98	509334	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.49	95	182513	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	50158	21.093	ug/l	93
3) Chloromethane	2.12	50	68558	20.863	ug/l	96
4) Vinyl Chloride	2.26	62	65251	19.676	ug/l	99
5) Bromomethane	2.65	94	51377	20.904	ug/l	99
6) Chloroethane	2.79	64	41988	19.623	ug/l	98
7) Trichlorofluoromethane	3.13	101	94804	20.899	ug/l	95
8) Diethyl Ether	3.53	74	32323	20.169	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	57417	20.870	ug/l	100
10) Methyl Iodide	4.10	142	68661	18.292	ug/l	97
11) Tert butyl alcohol	4.98	59	28880	97.287	ug/l	98
12) 1,1-Dichloroethene	3.88	96	55168	20.313	ug/l	92
13) Acrolein	3.74	56	27611	79.335	ug/l	100
14) Allyl chloride	4.49	41	90419	20.089	ug/l	100
15) Acrylonitrile	5.18	53	88091	98.208	ug/l	96
16) Acetone	3.96	43	71856	78.222	ug/l	99
17) Carbon Disulfide	4.19	76	166455	19.466	ug/l	98
18) Methyl Acetate	4.49	43	43606	19.105	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	159279	21.067	ug/l	93
20) Methylene Chloride	4.72	84	67814	18.483	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	63493	20.376	ug/l	92
22) Diisopropyl ether	6.13	45	195865	20.575	ug/l	95
23) Vinyl Acetate	6.07	43	638580	102.826	ug/l	100
24) 1,1-Dichloroethane	6.03	63	105379	20.281	ug/l	98
25) 2-Butanone	7.00	43	123470	95.414	ug/l	92
26) 2,2-Dichloropropane	7.00	77	97537	20.371	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	70983	21.052	ug/l	95
28) Bromochloromethane	7.35	49	41058	18.407	ug/l	97
29) Tetrahydrofuran	7.36	42	77611	98.963	ug/l	97
30) Chloroform	7.52	83	109531	20.932	ug/l	93
31) Cyclohexane	7.79	56	108927	20.071	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	95301	20.485	ug/l	100
36) 1,1-Dichloropropene	7.93	75	84188	19.717	ug/l	99
37) Ethyl Acetate	7.08	43	52524	20.775	ug/l	98
38) Carbon Tetrachloride	7.91	117	85019	20.565	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	114025	20.404	ug/l	97
40) Benzene	8.17	78	252614	20.472	ug/l	97
41) Methacrylonitrile	7.32	41	21522m	17.883	ug/l	
42) 1,2-Dichloroethane	8.25	62	74523	21.143	ug/l	99
43) Isopropyl Acetate	8.28	43	97390	20.259	ug/l	99
44) Trichloroethene	8.94	130	69930	20.198	ug/l	98
45) 1,2-Dichloropropane	9.23	63	62918	20.778	ug/l	100
46) Dibromomethane	9.32	93	35997	21.265	ug/l	96
47) Bromodichloromethane	9.50	83	84700	21.231	ug/l	97
48) Methyl methacrylate	9.30	41	42595	20.218	ug/l	97
49) 1,4-Dioxane	9.31	88	9054	356.720	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	262756	105.972	ug/l	99
52) Toluene	10.25	92	160056	20.430	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	89251	20.875	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	102966	21.207	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	52098	21.167	ug/l	93
56) Ethyl methacrylate	10.52	69	72360	20.626	ug/l	97
57) 1,3-Dichloropropane	10.80	76	89991	21.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	170582	121.905	ug/l	99
59) 2-Hexanone	10.84	43	190472	109.443	ug/l	99
60) Dibromochloromethane	10.99	129	57854	21.207	ug/l	97
61) 1,2-Dibromoethane	11.09	107	46660	19.744	ug/l	94
64) Tetrachloroethene	10.72	164	78451	21.125	ug/l	98
65) Chlorobenzene	11.52	112	172442	20.946	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	60282	20.845	ug/l	98
67) Ethyl Benzene	11.60	91	312048	20.447	ug/l	96
68) m/p-Xylenes	11.71	106	240150	41.163	ug/l	100
69) o-Xylene	12.03	106	113969	20.477	ug/l	99
70) Styrene	12.05	104	191834	20.438	ug/l	99
71) Bromoform	12.21	173	34753	20.905	ug/l #	100
73) Isopropylbenzene	12.33	105	304405	20.431	ug/l	99
74) N-amyl acetate	12.14	43	86730	23.711	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	57009	20.379	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	48716m	20.733	ug/l	
77) Bromobenzene	12.61	156	69914	21.087	ug/l	95
78) n-propylbenzene	12.67	91	365773	20.447	ug/l	100
79) 2-Chlorotoluene	12.76	91	200112	20.255	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	253812	20.315	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	21282	19.817	ug/l	97
82) 4-Chlorotoluene	12.86	91	213196	20.415	ug/l	99
83) tert-Butylbenzene	13.08	119	216915	20.502	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	257302	20.867	ug/l	100
85) sec-Butylbenzene	13.25	105	309402	20.215	ug/l	98
86) p-Isopropyltoluene	13.37	119	280145	20.995	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	133832	20.488	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	134453	20.592	ug/l	99
89) n-Butylbenzene	13.70	91	273166	20.716	ug/l	100
90) Hexachloroethane	13.96	117	52802	21.370	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	127932	21.641	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11182	21.076	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	86803	21.089	ug/l	98
94) Hexachlorobutadiene	15.11	225	44371	19.920	ug/l	98
95) Naphthalene	15.24	128	192576	20.966	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	80083	21.589	ug/l	99

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

