

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001526.D
 Acq On : 06 Feb 2020 13:36
 Operator : SY/MD
 Sample : VY0206SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 4:50:44 PM

Quant Time: Feb 07 04:18:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	228704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	391237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	353552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	169133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	119776	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	7.75	113	110856	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	10.19	98	454012	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.49	95	169538	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	42593	19.026	ug/l	98
3) Chloromethane	2.13	50	55547	23.740	ug/l	98
4) Vinyl Chloride	2.27	62	57061	23.486	ug/l	96
5) Bromomethane	2.67	94	38374	25.114	ug/l	97
6) Chloroethane	2.82	64	36723	25.076	ug/l	99
7) Trichlorofluoromethane	3.15	101	77052	19.160	ug/l	96
8) Diethyl Ether	3.55	74	28885	21.285	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.93	101	48973	20.239	ug/l	99
10) Methyl Iodide	4.13	142	57500	18.650	ug/l	99
11) Tert butyl alcohol	4.99	59	31404	101.141	ug/l	96
12) 1,1-Dichloroethene	3.91	96	48670	20.241	ug/l	94
13) Acrolein	3.76	56	22649	103.875	ug/l	100
14) Allyl chloride	4.52	41	84384	22.941	ug/l	96
15) Acrylonitrile	5.21	53	74439	119.650	ug/l	98
16) Acetone	3.99	43	69051	103.667	ug/l	95
17) Carbon Disulfide	4.22	76	160709	20.995	ug/l	99
18) Methyl Acetate	4.52	43	34793	24.478	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	132310	20.691	ug/l	99
20) Methylene Chloride	4.75	84	59085	19.800	ug/l	92
21) trans-1,2-Dichloroethene	5.25	96	55722	20.846	ug/l	97
22) Diisopropyl ether	6.16	45	171444	23.525	ug/l	97
23) Vinyl Acetate	6.10	43	560346	120.784	ug/l	96
24) 1,1-Dichloroethane	6.05	63	94223	21.495	ug/l	98
25) 2-Butanone	7.02	43	102608	118.740	ug/l	96
26) 2,2-Dichloropropane	7.02	77	85318	20.337	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	60496	20.721	ug/l	96
28) Bromochloromethane	7.36	49	31617	21.173	ug/l	88
29) Tetrahydrofuran	7.38	42	63739	123.062	ug/l	95
30) Chloroform	7.53	83	90262	20.329	ug/l	97
31) Cyclohexane	7.81	56	98598	21.989	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	79640	19.783	ug/l	98
36) 1,1-Dichloropropene	7.94	75	77242	21.582	ug/l	98
37) Ethyl Acetate	7.10	43	43781	25.269	ug/l	96
38) Carbon Tetrachloride	7.92	117	68026	19.645	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	100278	21.279	ug/l	97
40) Benzene	8.19	78	223323	21.876	ug/l	99
41) Methacrylonitrile	7.34	41	18575m	23.132	ug/l	
42) 1,2-Dichloroethane	8.26	62	61220	21.525	ug/l	99
43) Isopropyl Acetate	8.30	43	84450	24.617	ug/l #	94
44) Trichloroethene	8.96	130	56888	20.674	ug/l	96
45) 1,2-Dichloropropane	9.24	63	55505	22.516	ug/l	97
46) Dibromomethane	9.33	93	29644	21.415	ug/l	99
47) Bromodichloromethane	9.52	83	70520	20.909	ug/l	98
48) Methyl methacrylate	9.31	41	37972	24.388	ug/l	94
49) 1,4-Dioxane	9.31	88	7822	427.876	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	213197	126.195	ug/l	96
52) Toluene	10.25	92	139123	21.478	ug/l	97
53) t-1,3-Dichloropropene	10.48	75	77184	21.011	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	90626	21.489	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	42958	21.630	ug/l	98
56) Ethyl methacrylate	10.52	69	63477	22.471	ug/l	91
57) 1,3-Dichloropropane	10.80	76	75937	21.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	111881	107.663	ug/l	96
59) 2-Hexanone	10.85	43	155627	126.695	ug/l	96
60) Dibromochloromethane	11.00	129	47601	20.333	ug/l	99
61) 1,2-Dibromoethane	11.10	107	42129	21.537	ug/l	98
64) Tetrachloroethene	10.73	164	46584	20.091	ug/l	98
65) Chlorobenzene	11.53	112	144539	20.821	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	49277	20.282	ug/l	100
67) Ethyl Benzene	11.60	91	269444	20.992	ug/l	99
68) m/p-Xylenes	11.71	106	206595	42.875	ug/l	98
69) o-Xylene	12.04	106	96561	21.254	ug/l	100
70) Styrene	12.05	104	165593	21.077	ug/l	99
71) Bromoform	12.22	173	28749	21.250	ug/l #	100
73) Isopropylbenzene	12.34	105	260183	20.170	ug/l	100
74) N-amyl acetate	12.15	43	80072	23.888	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	53074	21.656	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	34893m	19.184	ug/l	
77) Bromobenzene	12.62	156	56262	20.154	ug/l	94
78) n-propylbenzene	12.68	91	320006	20.722	ug/l	100
79) 2-Chlorotoluene	12.77	91	178614	20.291	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	220987	20.342	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	20086	21.368	ug/l	94
82) 4-Chlorotoluene	12.86	91	185606	20.111	ug/l	100
83) tert-Butylbenzene	13.08	119	183128	19.943	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	217675	20.245	ug/l	100
85) sec-Butylbenzene	13.26	105	270474	20.950	ug/l	100
86) p-Isopropyltoluene	13.38	119	235564	20.705	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	110997	20.747	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	111199	20.747	ug/l	99
89) n-Butylbenzene	13.70	91	239882	21.369	ug/l	99
90) Hexachloroethane	13.97	117	44066	20.180	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	101465	20.928	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9505	21.008	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	67434	20.640	ug/l	99
94) Hexachlorobutadiene	15.12	225	33830	20.402	ug/l	98
95) Naphthalene	15.25	128	154795	20.160	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	59543	20.646	ug/l	98

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

