

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050720\
 Data File : VY002621.D
 Acq On : 07 May 2020 11:25
 Operator : SY/MD
 Sample : VY0507SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 1:23:45 PM

Quant Time: May 07 13:10:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	364068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	527806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	479538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	249711	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	145943	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
35) Dibromofluoromethane	7.74	113	157271	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.19	98	615341	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.49	95	211179	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	42210	15.315	ug/l	97
3) Chloromethane	2.12	50	52570	17.823	ug/l	98
4) Vinyl Chloride	2.26	62	60832	17.861	ug/l	97
5) Bromomethane	2.65	94	43372	18.466	ug/l	96
6) Chloroethane	2.80	64	37976	18.674	ug/l	96
7) Trichlorofluoromethane	3.14	101	99315	18.814	ug/l	95
8) Diethyl Ether	3.54	74	34511	19.455	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	62664	19.424	ug/l	99
10) Methyl Iodide	4.11	142	80889	18.404	ug/l	98
11) Tert butyl alcohol	4.99	59	29471	93.577	ug/l	100
12) 1,1-Dichloroethene	3.89	96	60660	19.355	ug/l	96
13) Acrolein	3.75	56	17530	80.493	ug/l	99
14) Allyl chloride	4.51	41	91158	19.963	ug/l	98
15) Acrylonitrile	5.19	53	82726	98.892	ug/l	99
16) Acetone	3.97	43	58180	92.093	ug/l	99
17) Carbon Disulfide	4.21	76	165538	17.557	ug/l	99
18) Methyl Acetate	4.50	43	41070	19.457	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	162537	19.878	ug/l	99
20) Methylene Chloride	4.74	84	70842	20.052	ug/l	93
21) trans-1,2-Dichloroethene	5.24	96	66763	19.490	ug/l	96
22) Diisopropyl ether	6.14	45	190885	20.660	ug/l	97
23) Vinyl Acetate	6.08	43	575824	99.097	ug/l	98
24) 1,1-Dichloroethane	6.04	63	109880	20.102	ug/l	99
25) 2-Butanone	7.00	43	98735	95.475	ug/l	98
26) 2,2-Dichloropropane	7.00	77	101387	19.514	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	76524	20.190	ug/l	99
28) Bromochloromethane	7.35	49	44736	19.975	ug/l	99
29) Tetrahydrofuran	7.37	42	67844	99.157	ug/l	99
30) Chloroform	7.53	83	113379	19.949	ug/l	99
31) Cyclohexane	7.80	56	103603	18.830	ug/l #	96
32) 1,1,1-Trichloroethane	7.72	97	104230	19.731	ug/l	99
36) 1,1-Dichloropropene	7.93	75	88353	19.968	ug/l	98
37) Ethyl Acetate	7.10	43	45237	19.896	ug/l	99
38) Carbon Tetrachloride	7.92	117	96901	20.060	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	115021	19.682	ug/l	97
40) Benzene	8.18	78	261027	20.426	ug/l	99
41) Methacrylonitrile	7.35	41	28150m	23.026	ug/l	
42) 1,2-Dichloroethane	8.25	62	70823	19.758	ug/l	98
43) Isopropyl Acetate	8.29	43	86099	20.199	ug/l	99
44) Trichloroethene	8.95	130	84511	21.161	ug/l	94
45) 1,2-Dichloropropane	9.23	63	63691	20.651	ug/l	97
46) Dibromomethane	9.32	93	35338	19.914	ug/l	99
47) Bromodichloromethane	9.51	83	88159	20.432	ug/l	100
48) Methyl methacrylate	9.30	41	38075	19.737	ug/l	98
49) 1,4-Dioxane	9.31	88	10279	437.487	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	228622	104.056	ug/l	100
52) Toluene	10.25	92	167972	20.452	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	91359	20.208	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	107603	20.588	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	54811	21.181	ug/l	99
56) Ethyl methacrylate	10.52	69	70249	20.406	ug/l	97
57) 1,3-Dichloropropane	10.80	76	89607	20.419	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	199904	110.113	ug/l	98
59) 2-Hexanone	10.84	43	156400	103.426	ug/l	99
60) Dibromochloromethane	10.99	129	68761	20.892	ug/l	97
61) 1,2-Dibromoethane	11.10	107	52435	20.464	ug/l	99
64) Tetrachloroethene	10.72	164	94960	22.288	ug/l	98
65) Chlorobenzene	11.52	112	189046	20.738	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	70213	20.749	ug/l	99
67) Ethyl Benzene	11.60	91	331928	20.729	ug/l	99
68) m/p-Xylenes	11.71	106	255503	41.238	ug/l	100
69) o-Xylene	12.03	106	120071	20.698	ug/l	100
70) Styrene	12.05	104	208932	21.067	ug/l	99
71) Bromoform	12.21	173	43289	20.611	ug/l #	99
73) Isopropylbenzene	12.33	105	335591	20.736	ug/l	99
74) N-amyl acetate	12.15	43	79659	20.462	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	48498	18.843	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	40852m	18.409	ug/l	
77) Bromobenzene	12.61	156	82693	20.452	ug/l	100
78) n-propylbenzene	12.67	91	390764	20.807	ug/l	99
79) 2-Chlorotoluene	12.76	91	213580	20.530	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	280191	20.886	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22074	19.946	ug/l	96
82) 4-Chlorotoluene	12.86	91	222790	20.387	ug/l	99
83) tert-Butylbenzene	13.08	119	247755	21.063	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	276861	20.708	ug/l	99
85) sec-Butylbenzene	13.26	105	344280	21.093	ug/l	99
86) p-Isopropyltoluene	13.38	119	319704	20.904	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	157401	20.568	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	157532	20.789	ug/l	99
89) n-Butylbenzene	13.70	91	295680	21.238	ug/l	99
90) Hexachloroethane	13.97	117	58691	21.073	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	141545	20.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9613	20.037	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	107138	21.611	ug/l	99
94) Hexachlorobutadiene	15.12	225	64307	21.610	ug/l	99
95) Naphthalene	15.24	128	189161	20.916	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	90356	21.469	ug/l	98

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

