

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000816.D
 Acq On : 27 Nov 2019 14:12
 Operator : SY/MD
 Sample : VY1127SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/2/2019 11:37:09 AM

Quant Time: Nov 29 05:30:38 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	333902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	572143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	507956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	239722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	185579	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	7.72	113	174900	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	10.18	98	728873	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
62) 4-Bromofluorobenzene	12.48	95	252672	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	76066	21.163	ug/l	96
3) Chloromethane	2.12	50	91413	20.632	ug/l	99
4) Vinyl Chloride	2.25	62	89497	20.496	ug/l	99
5) Bromomethane	2.65	94	54921	19.331	ug/l	97
6) Chloroethane	2.79	64	56373	21.056	ug/l	99
7) Trichlorofluoromethane	3.13	101	121160	20.246	ug/l	100
8) Diethyl Ether	3.54	74	43597	19.356	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	74884	20.263	ug/l	99
10) Methyl Iodide	4.09	142	89035	19.136	ug/l	99
11) Tert butyl alcohol	4.96	59	35545	99.578	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	75802	20.705	ug/l	92
13) Acrolein	3.73	56	40606	115.481	ug/l	96
14) Allyl chloride	4.48	41	125904	20.057	ug/l	100
15) Acrylonitrile	5.17	53	118942	102.268	ug/l	97
16) Acetone	3.95	43	79698	97.921	ug/l	93
17) Carbon Disulfide	4.19	76	242982	20.521	ug/l	99
18) Methyl Acetate	4.49	43	60600	17.807	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	194456	19.888	ug/l	98
20) Methylene Chloride	4.72	84	89887	20.951	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	83473	20.060	ug/l	93
22) Diisopropyl ether	6.13	45	259234	20.092	ug/l #	92
23) Vinyl Acetate	6.07	43	839852	107.074	ug/l	98
24) 1,1-Dichloroethane	6.02	63	143981	20.247	ug/l	99
25) 2-Butanone	7.00	43	151236	100.589	ug/l	96
26) 2,2-Dichloropropane	6.99	77	121074	20.229	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	91265	20.290	ug/l	97
28) Bromochloromethane	7.35	49	34173	14.594	ug/l	91
29) Tetrahydrofuran	7.35	42	103553	103.938	ug/l	98
30) Chloroform	7.52	83	142909	20.033	ug/l	99
31) Cyclohexane	7.78	56	151927	20.168	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	119352	20.261	ug/l	98
36) 1,1-Dichloropropene	7.93	75	117323	20.623	ug/l	99
37) Ethyl Acetate	7.08	43	68440	20.835	ug/l	99
38) Carbon Tetrachloride	7.91	117	102386	20.209	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	153573	20.376	ug/l	97
40) Benzene	8.17	78	334203	20.169	ug/l	98
41) Methacrylonitrile	7.33	41	32646m	18.857	ug/l	
42) 1,2-Dichloroethane	8.24	62	89501	20.538	ug/l	99
43) Isopropyl Acetate	8.28	43	127401	20.581	ug/l	100
44) Trichloroethene	8.94	130	86632	20.343	ug/l	97
45) 1,2-Dichloropropane	9.22	63	84007	20.183	ug/l	93
46) Dibromomethane	9.31	93	44674	20.542	ug/l	98
47) Bromodichloromethane	9.50	83	103668	20.292	ug/l	99
48) Methyl methacrylate	9.30	41	56109	20.613	ug/l	99
49) 1,4-Dioxane	9.30	88	12899	418.604	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	330533	103.347	ug/l	100
52) Toluene	10.25	92	210476	20.515	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	112334	20.466	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	132013	20.348	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	64628	20.114	ug/l	97
56) Ethyl methacrylate	10.51	69	94261	20.508	ug/l	96
57) 1,3-Dichloropropane	10.79	76	115725	20.665	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	195725	105.609	ug/l	100
59) 2-Hexanone	10.83	43	239379	102.714	ug/l	99
60) Dibromochloromethane	10.99	129	68430	19.784	ug/l	97
61) 1,2-Dibromoethane	11.09	107	61897	20.441	ug/l	98
64) Tetrachloroethene	10.72	164	88960	20.157	ug/l	96
65) Chlorobenzene	11.52	112	216895	20.542	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	73105	20.545	ug/l	98
67) Ethyl Benzene	11.59	91	403975	20.544	ug/l	98
68) m/p-Xylenes	11.70	106	304229	41.219	ug/l	99
69) o-Xylene	12.03	106	142221	20.666	ug/l	99
70) Styrene	12.04	104	244599	20.757	ug/l	99
71) Bromoform	12.20	173	40894	20.377	ug/l #	97
73) Isopropylbenzene	12.33	105	385083	20.175	ug/l	100
74) N-amyl acetate	12.14	43	107894	20.309	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	77171	20.519	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	56445m	20.782	ug/l	
77) Bromobenzene	12.61	156	82065	19.835	ug/l	96
78) n-propylbenzene	12.67	91	476809	20.459	ug/l	100
79) 2-Chlorotoluene	12.75	91	262327	20.374	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	325524	20.598	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	27930	20.200	ug/l	95
82) 4-Chlorotoluene	12.85	91	273654	20.630	ug/l	98
83) tert-Butylbenzene	13.07	119	271069	20.401	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	329583	20.845	ug/l	100
85) sec-Butylbenzene	13.25	105	398977	20.647	ug/l	99
86) p-Isopropyltoluene	13.37	119	351986	20.942	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	167573	20.646	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	169480	21.089	ug/l	99
89) n-Butylbenzene	13.69	91	355518	20.921	ug/l	100
90) Hexachloroethane	13.96	117	63310	20.448	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	151521	20.754	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12985	20.623	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	106148	21.487	ug/l	97
94) Hexachlorobutadiene	15.11	225	51163	20.889	ug/l	98
95) Naphthalene	15.23	128	242294	21.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94583	21.434	ug/l	97

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

