

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
 Data File : VY000324.D
 Acq On : 16 Oct 2019 13:03
 Operator : SY/MD
 Sample : VY1016SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 12:50:37 AM

Quant Time: Oct 17 01:46:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	298134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	500074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	451166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	217844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	171913	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
35) Dibromofluoromethane	7.73	113	153310	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.18	98	623068	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.48	95	222083	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	59894	23.087	ug/l	96
3) Chloromethane	2.12	50	74389	20.419	ug/l	98
4) Vinyl Chloride	2.25	62	79829	21.712	ug/l	100
5) Bromomethane	2.64	94	56474	20.726	ug/l	95
6) Chloroethane	2.79	64	48881	20.605	ug/l	98
7) Trichlorofluoromethane	3.13	101	106063	21.089	ug/l	98
8) Diethyl Ether	3.53	74	38200	21.500	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	65199	21.376	ug/l	97
10) Methyl Iodide	4.10	142	78919	18.921	ug/l	98
11) Tert butyl alcohol	4.97	59	34497	104.819	ug/l	97
12) 1,1-Dichloroethene	3.88	96	64218	21.327	ug/l	98
13) Acrolein	3.73	56	35617	92.308	ug/l	98
14) Allyl chloride	4.49	41	107070	21.457	ug/l	98
15) Acrylonitrile	5.18	53	103604	104.182	ug/l	98
16) Acetone	3.96	43	86611	85.043	ug/l	90
17) Carbon Disulfide	4.19	76	196428	20.719	ug/l	100
18) Methyl Acetate	4.49	43	55302	21.855	ug/l	95
19) Methyl tert-butyl Ether	5.24	73	183044	21.837	ug/l	94
20) Methylene Chloride	4.72	84	76497	18.913	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	72844	21.086	ug/l	88
22) Diisopropyl ether	6.13	45	229284	21.725	ug/l	96
23) Vinyl Acetate	6.07	43	730677	106.124	ug/l	99
24) 1,1-Dichloroethane	6.03	63	122642	21.290	ug/l	97
25) 2-Butanone	7.00	43	149142	103.957	ug/l	100
26) 2,2-Dichloropropane	7.00	77	112333	21.162	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	78979	21.128	ug/l	99
28) Bromochloromethane	7.35	49	48218	19.498	ug/l	99
29) Tetrahydrofuran	7.36	42	92562	106.460	ug/l	97
30) Chloroform	7.52	83	123389	21.269	ug/l	97
31) Cyclohexane	7.79	56	124810	20.744	ug/l	94
32) 1,1,1-Trichloroethane	7.72	97	107791	20.899	ug/l	99
36) 1,1-Dichloropropene	7.93	75	97644	19.943	ug/l	99
37) Ethyl Acetate	7.09	43	57406	19.802	ug/l	97
38) Carbon Tetrachloride	7.91	117	92489	19.510	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	127815	19.946	ug/l	93
40) Benzene	8.17	78	287199	20.298	ug/l	99
41) Methacrylonitrile	7.33	41	24193m	17.532	ug/l	
42) 1,2-Dichloroethane	8.25	62	83434	20.644	ug/l	98
43) Isopropyl Acetate	8.28	43	114277	20.731	ug/l	99
44) Trichloroethene	8.95	130	78123	19.678	ug/l	97
45) 1,2-Dichloropropane	9.22	63	72661	20.926	ug/l	93
46) Dibromomethane	9.31	93	39498	20.349	ug/l	97
47) Bromodichloromethane	9.50	83	92952	20.320	ug/l	92
48) Methyl methacrylate	9.30	41	50571	20.934	ug/l	97
49) 1,4-Dioxane	9.31	88	11188	384.423	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	296477	104.280	ug/l	99
52) Toluene	10.25	92	181435	20.197	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	100169	20.432	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	115328	20.715	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	58317	20.664	ug/l	97
56) Ethyl methacrylate	10.52	69	85655	21.293	ug/l	99
57) 1,3-Dichloropropane	10.80	76	101741	20.991	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	205582	128.128	ug/l	99
59) 2-Hexanone	10.83	43	221081	110.784	ug/l	99
60) Dibromochloromethane	10.99	129	63738	20.376	ug/l	97
61) 1,2-Dibromoethane	11.09	107	57422	21.191	ug/l	98
64) Tetrachloroethene	10.72	164	83789	19.508	ug/l	97
65) Chlorobenzene	11.52	112	192819	20.251	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	68914	20.604	ug/l	100
67) Ethyl Benzene	11.60	91	354723	20.097	ug/l	99
68) m/p-Xylenes	11.70	106	268799	39.836	ug/l	98
69) o-Xylene	12.03	106	129470	20.113	ug/l	99
70) Styrene	12.05	104	215155	19.819	ug/l	99
71) Bromoform	12.21	173	39078	20.324	ug/l	# 98
73) Isopropylbenzene	12.33	105	344185	20.263	ug/l	99
74) N-amyl acetate	12.14	43	101735	24.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	66378	20.813	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	55527m	20.729	ug/l	
77) Bromobenzene	12.61	156	77378	20.472	ug/l	98
78) n-propylbenzene	12.67	91	412362	20.219	ug/l	100
79) 2-Chlorotoluene	12.75	91	233439	20.726	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	294744	20.694	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	24504	20.015	ug/l	97
82) 4-Chlorotoluene	12.86	91	245838	20.649	ug/l	99
83) tert-Butylbenzene	13.08	119	247499	20.519	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	291085	20.707	ug/l	99
85) sec-Butylbenzene	13.25	105	354589	20.322	ug/l	99
86) p-Isopropyltoluene	13.37	119	317392	20.864	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	148909	19.995	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	150964	20.281	ug/l	99
89) n-Butylbenzene	13.70	91	311522	20.723	ug/l	99
90) Hexachloroethane	13.96	117	57651	20.466	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	141199	20.951	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12294	20.325	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	97620	20.804	ug/l	100
94) Hexachlorobutadiene	15.11	225	49719	19.579	ug/l	98
95) Naphthalene	15.23	128	224856	21.473	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	89706	21.212	ug/l	98

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

