

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000421.D
 Acq On : 25 Oct 2019 12:08
 Operator : SY/MD
 Sample : VY1025SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:38:35 PM

Quant Time: Oct 26 02:06:35 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	212054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	347910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	313704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	157719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	121840	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	
35) Dibromofluoromethane	7.72	113	108356	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	10.18	98	434511	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.48	95	155384	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	43163	23.455	ug/l	97
3) Chloromethane	2.12	50	63211	24.394	ug/l	98
4) Vinyl Chloride	2.25	62	56500	21.605	ug/l	99
5) Bromomethane	2.64	94	35134	18.128	ug/l	97
6) Chloroethane	2.79	64	36967	21.908	ug/l	100
7) Trichlorofluoromethane	3.12	101	80539	22.515	ug/l	95
8) Diethyl Ether	3.53	74	28896	22.866	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	47708	21.991	ug/l	98
10) Methyl Iodide	4.10	142	50637	17.184	ug/l	99
11) Tert butyl alcohol	4.96	59	24524	104.765	ug/l	99
12) 1,1-Dichloroethene	3.87	96	48037	22.429	ug/l	96
13) Acrolein	3.73	56	19883	72.449	ug/l	95
14) Allyl chloride	4.48	41	76980	21.690	ug/l	99
15) Acrylonitrile	5.18	53	75883	107.282	ug/l	99
16) Acetone	3.96	43	71797	99.115	ug/l	100
17) Carbon Disulfide	4.19	76	135188	20.048	ug/l	99
18) Methyl Acetate	4.49	43	37064	20.593	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	133055	22.317	ug/l	98
20) Methylene Chloride	4.72	84	58545	20.814	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	54684	22.255	ug/l	95
22) Diisopropyl ether	6.13	45	167749	22.347	ug/l	94
23) Vinyl Acetate	6.07	43	532301	108.695	ug/l	97
24) 1,1-Dichloroethane	6.02	63	89754	21.905	ug/l	99
25) 2-Butanone	7.00	43	107646	105.491	ug/l	96
26) 2,2-Dichloropropane	6.99	77	83657	22.157	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	59586	22.411	ug/l	98
28) Bromochloromethane	7.35	49	35464	20.162	ug/l #	96
29) Tetrahydrofuran	7.36	42	64207	103.825	ug/l	97
30) Chloroform	7.52	83	94406	22.879	ug/l	92
31) Cyclohexane	7.79	56	91038	21.273	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	81726	22.278	ug/l	99
36) 1,1-Dichloropropene	7.92	75	73380	21.543	ug/l	99
37) Ethyl Acetate	7.08	43	42859	21.250	ug/l	98
38) Carbon Tetrachloride	7.91	117	72206	21.893	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	95805	21.490	ug/l	97
40) Benzene	8.17	78	217364	22.082	ug/l	99
41) Methacrylonitrile	7.32	41	23501m	24.479	ug/l	
42) 1,2-Dichloroethane	8.25	62	62147	22.102	ug/l	99
43) Isopropyl Acetate	8.28	43	82005	21.383	ug/l	98
44) Trichloroethene	8.94	130	60350	21.850	ug/l	96
45) 1,2-Dichloropropane	9.22	63	54669	22.631	ug/l	98
46) Dibromomethane	9.31	93	29523	21.862	ug/l	98
47) Bromodichloromethane	9.50	83	71505	22.468	ug/l	100
48) Methyl methacrylate	9.30	41	36812	21.903	ug/l	96
49) 1,4-Dioxane	9.30	88	8664	427.900	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	215634	109.017	ug/l	100
52) Toluene	10.25	92	140000	22.401	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	75771	22.216	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	85305	22.024	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	44159	22.490	ug/l	96
56) Ethyl methacrylate	10.52	69	61658	22.032	ug/l	97
57) 1,3-Dichloropropane	10.80	76	76465	22.676	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	134552	120.536	ug/l	99
59) 2-Hexanone	10.83	43	160413	115.540	ug/l	98
60) Dibromochloromethane	10.99	129	48974	22.504	ug/l	99
61) 1,2-Dibromoethane	11.10	107	41585	22.058	ug/l	99
64) Tetrachloroethene	10.72	164	60441	20.238	ug/l	98
65) Chlorobenzene	11.52	112	147354	22.257	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	52835	22.718	ug/l	99
67) Ethyl Benzene	11.60	91	268218	21.854	ug/l	99
68) m/p-Xylenes	11.70	106	208028	44.339	ug/l	98
69) o-Xylene	12.03	106	98423	21.990	ug/l	98
70) Styrene	12.05	104	162431	21.519	ug/l	100
71) Bromoform	12.21	173	29946	22.399	ug/l #	100
73) Isopropylbenzene	12.33	105	261674	21.278	ug/l	99
74) N-amyl acetate	12.14	43	71709	23.752	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	51704	22.392	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	31221m	16.098	ug/l	
77) Bromobenzene	12.61	156	60440	22.086	ug/l	94
78) n-propylbenzene	12.67	91	316169	21.413	ug/l	99
79) 2-Chlorotoluene	12.75	91	175453	21.516	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	219460	21.282	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	17677	19.943	ug/l	94
82) 4-Chlorotoluene	12.86	91	185657	21.539	ug/l	98
83) tert-Butylbenzene	13.08	119	194176	22.235	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	219410	21.558	ug/l	99
85) sec-Butylbenzene	13.25	105	272405	21.563	ug/l	98
86) p-Isopropyltoluene	13.37	119	241634	21.940	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	118451	21.969	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	116508	21.619	ug/l	98
89) n-Butylbenzene	13.70	91	232480	21.360	ug/l	97
90) Hexachloroethane	13.96	117	44350	21.746	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	110031	22.550	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9608	21.940	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	76032	22.380	ug/l	99
94) Hexachlorobutadiene	15.11	225	39360	21.409	ug/l	99
95) Naphthalene	15.23	128	161532	21.306	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	68294	22.305	ug/l	97

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

