

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001669.D
 Acq On : 18 Feb 2020 13:13
 Operator : SY/MD
 Sample : VY0218SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2020 1:42:58 PM

Quant Time: Feb 19 07:18:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	183959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	325202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	294422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	139396	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	103164	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
35) Dibromofluoromethane	7.74	113	92171	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	10.19	98	387471	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.49	95	137121	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	29482	16.441	ug/l	97
3) Chloromethane	2.12	50	43213	17.917	ug/l	98
4) Vinyl Chloride	2.26	62	43699	17.963	ug/l	99
5) Bromomethane	2.65	94	29300	19.271	ug/l	96
6) Chloroethane	2.80	64	26828	17.896	ug/l	96
7) Trichlorofluoromethane	3.14	101	57568	18.490	ug/l	99
8) Diethyl Ether	3.54	74	22964	18.709	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	36526	18.664	ug/l	98
10) Methyl Iodide	4.11	142	40224	16.794	ug/l	99
11) Tert butyl alcohol	4.98	59	29731	116.136	ug/l #	93
12) 1,1-Dichloroethene	3.89	96	36657	18.365	ug/l	98
13) Acrolein	3.75	56	21009	105.127	ug/l	97
14) Allyl chloride	4.50	41	65342	18.394	ug/l	97
15) Acrylonitrile	5.19	53	58373	92.782	ug/l	99
16) Acetone	3.97	43	54811	80.055	ug/l	100
17) Carbon Disulfide	4.21	76	118390	17.766	ug/l	99
18) Methyl Acetate	4.50	43	27242	18.271	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	102349	18.417	ug/l	98
20) Methylene Chloride	4.74	84	46181	18.989	ug/l	94
21) trans-1,2-Dichloroethene	5.25	96	41104	18.050	ug/l	99
22) Diisopropyl ether	6.14	45	134803	18.479	ug/l	98
23) Vinyl Acetate	6.09	43	439188	92.296	ug/l	98
24) 1,1-Dichloroethane	6.04	63	72133	18.500	ug/l	99
25) 2-Butanone	7.02	43	81561	87.691	ug/l	98
26) 2,2-Dichloropropane	7.01	77	61922	18.254	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	45688	18.176	ug/l	98
28) Bromochloromethane	7.36	49	31421	19.346	ug/l	99
29) Tetrahydrofuran	7.37	42	51777	92.102	ug/l	98
30) Chloroform	7.53	83	68796	18.058	ug/l	98
31) Cyclohexane	7.81	56	76176	18.324	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	58713	18.336	ug/l	99
36) 1,1-Dichloropropene	7.94	75	57380	18.472	ug/l	98
37) Ethyl Acetate	7.10	43	36145	19.496	ug/l	97
38) Carbon Tetrachloride	7.92	117	50049	18.343	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	75878	18.412	ug/l	97
40) Benzene	8.18	78	168896	18.487	ug/l	99
41) Methacrylonitrile	7.35	41	21063m	22.626	ug/l	
42) 1,2-Dichloroethane	8.25	62	45976	18.473	ug/l	100
43) Isopropyl Acetate	8.29	43	66052	18.777	ug/l	100
44) Trichloroethene	8.96	130	41549	18.219	ug/l	98
45) 1,2-Dichloropropane	9.23	63	42079	18.391	ug/l	99
46) Dibromomethane	9.32	93	22502	18.803	ug/l	99
47) Bromodichloromethane	9.51	83	52392	18.140	ug/l	95
48) Methyl methacrylate	9.30	41	29025	18.244	ug/l	97
49) 1,4-Dioxane	9.31	88	5762	340.904	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	170233	94.188	ug/l	97
52) Toluene	10.25	92	103085	18.089	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	57438	17.989	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	68395	18.612	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	32622	18.487	ug/l	98
56) Ethyl methacrylate	10.52	69	48818	18.442	ug/l	95
57) 1,3-Dichloropropane	10.80	76	58357	18.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	137669	129.034	ug/l	100
59) 2-Hexanone	10.85	43	121117	89.313	ug/l	99
60) Dibromochloromethane	11.00	129	34262	17.611	ug/l	97
61) 1,2-Dibromoethane	11.10	107	30881	18.509	ug/l	99
64) Tetrachloroethene	10.73	164	34484	18.658	ug/l	98
65) Chlorobenzene	11.53	112	109337	18.601	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	37094	18.707	ug/l	98
67) Ethyl Benzene	11.60	91	202245	18.540	ug/l	99
68) m/p-Xylenes	11.71	106	151270	37.124	ug/l	99
69) o-Xylene	12.04	106	72254	18.652	ug/l	97
70) Styrene	12.05	104	124523	18.496	ug/l	100
71) Bromoform	12.22	173	19878	17.542	ug/l #	97
73) Isopropylbenzene	12.34	105	190799	17.967	ug/l	99
74) N-amyl acetate	12.15	43	62266	18.372	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.59	83	40795	17.991	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	26215m	16.394	ug/l	
77) Bromobenzene	12.62	156	41832	18.171	ug/l	95
78) n-propylbenzene	12.68	91	236865	18.314	ug/l	100
79) 2-Chlorotoluene	12.77	91	131557	18.136	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	161185	18.336	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	14465	17.162	ug/l	92
82) 4-Chlorotoluene	12.86	91	140008	18.300	ug/l	99
83) tert-Butylbenzene	13.08	119	134258	18.261	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	163079	18.608	ug/l	100
85) sec-Butylbenzene	13.26	105	197943	18.306	ug/l	100
86) p-Isopropyltoluene	13.38	119	173710	18.492	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	83111	18.615	ug/l	97
88) 1,4-Dichlorobenzene	13.45	146	83351	18.469	ug/l	99
89) n-Butylbenzene	13.70	91	176666	18.405	ug/l	99
90) Hexachloroethane	13.97	117	31400	17.742	ug/l	95
91) 1,2-Dichlorobenzene	13.75	146	76256	18.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	6442	17.215	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	49669	18.191	ug/l	99
94) Hexachlorobutadiene	15.12	225	24341	17.925	ug/l	98
95) Naphthalene	15.25	128	112107	17.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	43689	18.188	ug/l	98

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

