

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001775.D
 Acq On : 26 Feb 2020 11:24
 Operator : SY/MD
 Sample : VY0226SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:45:42 AM

Quant Time: Feb 26 15:51:55 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	182423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	326529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	292569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	136987	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	102882	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
35) Dibromofluoromethane	7.74	113	94366	50.46	ug/l	-0.01
Spiked Amount			Recovery	=	100.92%	
50) Toluene-d8	10.19	98	398338	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	
62) 4-Bromofluorobenzene	12.49	95	142793	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	30246	17.009	ug/l	99
3) Chloromethane	2.12	50	42889	17.932	ug/l	98
4) Vinyl Chloride	2.26	62	44199	18.322	ug/l	98
5) Bromomethane	2.66	94	29800	19.765	ug/l	96
6) Chloroethane	2.80	64	27830	18.721	ug/l	97
7) Trichlorofluoromethane	3.14	101	60385	19.558	ug/l	100
8) Diethyl Ether	3.55	74	24852	20.418	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	38934	20.062	ug/l	99
10) Methyl Iodide	4.11	142	41869	17.628	ug/l	99
11) Tert butyl alcohol	4.97	59	30469	120.963	ug/l #	92
12) 1,1-Dichloroethene	3.90	96	38885	19.646	ug/l	94
13) Acrolein	3.75	56	16320	82.352	ug/l	96
14) Allyl chloride	4.51	41	70056	19.887	ug/l	100
15) Acrylonitrile	5.19	53	63356	101.550	ug/l	98
16) Acetone	3.97	43	57129	84.143	ug/l	96
17) Carbon Disulfide	4.21	76	121278	18.353	ug/l	99
18) Methyl Acetate	4.51	43	32204	21.780	ug/l	96
19) Methyl tert-butyl Ether	5.25	73	108321	19.656	ug/l	99
20) Methylene Chloride	4.74	84	49930	20.704	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	44694	19.791	ug/l	99
22) Diisopropyl ether	6.14	45	144806	20.017	ug/l	98
23) Vinyl Acetate	6.09	43	453979	96.207	ug/l	98
24) 1,1-Dichloroethane	6.04	63	78257	20.240	ug/l	98
25) 2-Butanone	7.01	43	85360	92.548	ug/l	98
26) 2,2-Dichloropropane	7.00	77	65703	19.532	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	49024	19.667	ug/l	99
28) Bromochloromethane	7.36	49	31559	19.594	ug/l	97
29) Tetrahydrofuran	7.37	42	55345	99.278	ug/l	98
30) Chloroform	7.53	83	74538	19.730	ug/l	99
31) Cyclohexane	7.80	56	80306	19.480	ug/l #	88
32) 1,1,1-Trichloroethane	7.72	97	62656	19.733	ug/l	98
36) 1,1-Dichloropropene	7.94	75	60988	19.554	ug/l	99
37) Ethyl Acetate	7.10	43	36269	19.483	ug/l	99
38) Carbon Tetrachloride	7.92	117	53759	19.623	ug/l	98

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39) Methylcyclohexane	9.19	83	79420	19.194	ug/l	98
40) Benzene	8.18	78	180774	19.707	ug/l	99
41) Methacrylonitrile	7.35	41	24052m	25.732	ug/l	
42) 1,2-Dichloroethane	8.25	62	47362	18.952	ug/l	99
43) Isopropyl Acetate	8.29	43	67878	19.218	ug/l	99
44) Trichloroethene	8.96	130	44471	19.421	ug/l	95
45) 1,2-Dichloropropane	9.23	63	46729	20.341	ug/l	93
46) Dibromomethane	9.32	93	23315	19.404	ug/l	99
47) Bromodichloromethane	9.51	83	57121	19.697	ug/l	98
48) Methyl methacrylate	9.30	41	31123	19.483	ug/l	98
49) 1,4-Dioxane	9.31	88	6799	400.622	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	177442	97.778	ug/l	99
52) Toluene	10.25	92	112046	19.582	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	61627	19.223	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	71876	19.479	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	35539	20.058	ug/l	95
56) Ethyl methacrylate	10.52	69	50749	19.093	ug/l	97
57) 1,3-Dichloropropane	10.80	76	63149	20.059	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	127394	117.295	ug/l	99
59) 2-Hexanone	10.84	43	126138	92.637	ug/l	100
60) Dibromochloromethane	10.99	129	37559	19.228	ug/l	100
61) 1,2-Dibromoethane	11.10	107	33722	20.129	ug/l	99
64) Tetrachloroethene	10.73	164	36598	19.927	ug/l	96
65) Chlorobenzene	11.52	112	113973	19.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	38569	19.574	ug/l	98
67) Ethyl Benzene	11.60	91	216154	19.941	ug/l	99
68) m/p-Xylenes	11.70	106	160427	39.620	ug/l	98
69) o-Xylene	12.03	106	74971	19.476	ug/l	99
70) Styrene	12.05	104	130417	19.494	ug/l	99
71) Bromoform	12.21	173	21349	18.959	ug/l #	96
73) Isopropylbenzene	12.33	105	205498	19.691	ug/l	98
74) N-amyl acetate	12.15	43	63395	19.034	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	44619	20.024	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	32030m	20.383	ug/l	
77) Bromobenzene	12.61	156	44404	19.628	ug/l	95
78) n-propylbenzene	12.67	91	253140	19.917	ug/l	100
79) 2-Chlorotoluene	12.76	91	140181	19.665	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	171549	19.858	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	15762	19.029	ug/l	96
82) 4-Chlorotoluene	12.86	91	149454	19.878	ug/l	99
83) tert-Butylbenzene	13.08	119	143719	19.892	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	168509	19.566	ug/l	100
85) sec-Butylbenzene	13.26	105	212409	19.989	ug/l	100
86) p-Isopropyltoluene	13.38	119	185362	20.080	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	87693	19.987	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	87443	19.716	ug/l	99
89) n-Butylbenzene	13.70	91	189770	20.118	ug/l	99
90) Hexachloroethane	13.97	117	33567	19.299	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	79387	19.606	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7185	19.538	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	51818	19.312	ug/l	98
94) Hexachlorobutadiene	15.12	225	25844	19.367	ug/l	99
95) Naphthalene	15.24	128	118783	19.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	46584	19.734	ug/l	97

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

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