

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004598.D
 Acq On : 23 Apr 2021 12:28
 Operator : SY/MD
 Sample : VY0423SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/26/2021 4:52:49 PM

Quant Time: Apr 26 08:26:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	147836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	240436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	211481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	95680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	85797	52.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.46%
35) Dibromofluoromethane	7.728	113	71533	53.61	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.22%
50) Toluene-d8	10.185	98	293100	51.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.28%
62) 4-Bromofluorobenzene	12.489	95	95204	49.43	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.86%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	26680	19.48	ug/l	99
3) Chloromethane	2.125	50	39740	20.06	ug/l	100
4) Vinyl Chloride	2.265	62	51690	24.71	ug/l	98
5) Bromomethane	2.662	94	24142	23.65	ug/l	91
6) Chloroethane	2.808	64	26959	21.50	ug/l	96
7) Trichlorofluoromethane	3.137	101	55041	21.04	ug/l	93
8) Diethyl Ether	3.540	74	17741	20.07	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.918	101	30848	21.26	ug/l	99
10) Methyl Iodide	4.106	142	32908	18.95	ug/l	98
11) Tert butyl alcohol	4.984	59	13766	85.04	ug/l	98
12) 1,1-Dichloroethene	3.887	96	29889	20.83	ug/l	98
13) Acrolein	3.753	56	12675	70.44	ug/l	95
14) Allyl chloride	4.497	41	56417	20.56	ug/l	97
15) Acrylonitrile	5.186	53	45073	95.01	ug/l	98
16) Acetone	3.966	43	34360	85.94	ug/l	93
17) Carbon Disulfide	4.210	76	91335	20.67	ug/l	99
18) Methyl Acetate	4.497	43	21339	18.65	ug/l	98
19) Methyl tert-butyl Ether	5.240	73	86101	19.97	ug/l	96
20) Methylene Chloride	4.734	84	34522	21.76	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	33477	20.62	ug/l	99
22) Diisopropyl ether	6.137	45	122444	21.11	ug/l	99
23) Vinyl Acetate	6.076	43	393959	99.76	ug/l	99
24) 1,1-Dichloroethane	6.033	63	63558	21.45	ug/l	99
25) 2-Butanone	7.002	43	58232	93.07	ug/l	97
26) 2,2-Dichloropropane	6.996	77	57690	21.69	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	37718	20.76	ug/l	97
28) Bromochloromethane	7.344	49	27534	20.44	ug/l	99
29) Tetrahydrofuran	7.362	42	39731	88.88	ug/l	98
30) Chloroform	7.521	83	63783	21.90	ug/l	98
31) Cyclohexane	7.795	56	60479	20.08	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	58415	22.11	ug/l	98
36) 1,1-Dichloropropene	7.929	75	50100	20.97	ug/l	99
37) Ethyl Acetate	7.088	43	29354	19.08	ug/l	98
38) Carbon Tetrachloride	7.911	117	46432	22.48	ug/l	98
39) Methylcyclohexane	9.191	83	59282	20.15	ug/l	95
40) Benzene	8.173	78	142155	21.17	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	15795m	16.94	ug/l	
42) 1,2-Dichloroethane	8.246	62	44537	21.15	ug/l	99
43) Isopropyl Acetate	8.283	43	55940	19.18	ug/l	99
44) Trichloroethene	8.947	130	38824	21.21	ug/l	92
45) 1,2-Dichloropropane	9.221	63	36878	21.28	ug/l	98
46) Dibromomethane	9.313	93	19531	20.70	ug/l	97
47) Bromodichloromethane	9.508	83	49136	21.51	ug/l	100
48) Methyl methacrylate	9.301	41	26258	19.55	ug/l	96
49) 1,4-Dioxane	9.319	88	4207	341.44	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	140465	93.76	ug/l	100
52) Toluene	10.252	92	89477	20.59	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	52306	20.76	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	58539	20.46	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	26463	20.36	ug/l	96
56) Ethyl methacrylate	10.514	69	35202	18.67	ug/l	94
57) 1,3-Dichloropropane	10.794	76	47231	20.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	84717	87.83	ug/l	99
59) 2-Hexanone	10.837	43	92748	92.35	ug/l	98
60) Dibromochloromethane	10.989	129	31758	20.56	ug/l	98
61) 1,2-Dibromoethane	11.099	107	24656	19.67	ug/l	99
64) Tetrachloroethene	10.727	164	39657	21.54	ug/l	98
65) Chlorobenzene	11.520	112	91683	21.24	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	32856	21.33	ug/l	98
67) Ethyl Benzene	11.599	91	170927	21.17	ug/l	99
68) m/p-Xylenes	11.709	106	127624	42.53	ug/l	100
69) o-Xylene	12.038	106	58855	20.93	ug/l	100
70) Styrene	12.050	104	95469	20.50	ug/l	97
71) Bromoform	12.215	173	17904	19.60	ug/l #	99
73) Isopropylbenzene	12.337	105	160805	21.75	ug/l	100
74) N-amyl acetate	12.148	43	47812	19.21	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	27408	19.59	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	23052m	22.45	ug/l	
77) Bromobenzene	12.617	156	35123	21.19	ug/l	99
78) n-propylbenzene	12.678	91	191865	21.97	ug/l	100
79) 2-Chlorotoluene	12.763	91	105215	22.03	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	133658	22.24	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	11092	19.32	ug/l	98
82) 4-Chlorotoluene	12.861	91	110317	21.87	ug/l	100
83) tert-Butylbenzene	13.081	119	111117	21.60	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	132428	21.84	ug/l	100
85) sec-Butylbenzene	13.257	105	154673	21.56	ug/l	99
86) p-Isopropyltoluene	13.373	119	140536	21.53	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	67195	21.71	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	66017	21.19	ug/l	99
89) n-Butylbenzene	13.702	91	132678	21.30	ug/l	99
90) Hexachloroethane	13.964	117	21889	25.00	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	58998	21.47	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5006	19.94	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	38114	20.98	ug/l	100
94) Hexachlorobutadiene	15.117	225	19619	20.68	ug/l	97
95) Naphthalene	15.245	128	75838	19.20	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	33183	20.70	ug/l	99

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

