

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003470.D
 Acq On : 02 Nov 2020 14:20
 Operator : SY/MD
 Sample : VY1102SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBSD01

Quant Time: Nov 03 02:08:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	245038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	353225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	311420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161965	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	128239	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
35) Dibromofluoromethane	7.73	113	109585	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
50) Toluene-d8	10.18	98	450992	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.48	95	148576	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	42650	21.998	ug/l	100
3) Chloromethane	2.12	50	54751	21.451	ug/l	96
4) Vinyl Chloride	2.26	62	62619	21.856	ug/l	98
5) Bromomethane	2.65	94	47777	19.959	ug/l	95
6) Chloroethane	2.80	64	36233	21.218	ug/l	98
7) Trichlorofluoromethane	3.13	101	77687	21.362	ug/l	100
8) Diethyl Ether	3.54	74	23547	21.115	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	42969	21.378	ug/l	100
10) Methyl Iodide	4.10	142	39146	21.832	ug/l	99
11) Tert butyl alcohol	4.97	59	30726	111.481	ug/l	96
12) 1,1-Dichloroethene	3.88	96	42278	21.141	ug/l	99
13) Acrolein	3.75	56	24113	115.663	ug/l	96
14) Allyl chloride	4.49	41	76305	20.914	ug/l	99
15) Acrylonitrile	5.18	53	63747	107.088	ug/l	99
16) Acetone	3.96	43	76867	92.756	ug/l	97
17) Carbon Disulfide	4.21	76	136501	21.070	ug/l	100
18) Methyl Acetate	4.49	43	32512	20.761	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	103934	20.983	ug/l	99
20) Methylene Chloride	4.73	84	50474	21.627	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	48641	21.006	ug/l	95
22) Diisopropyl ether	6.13	45	135615	21.192	ug/l	99
23) Vinyl Acetate	6.08	43	510995	106.261	ug/l	99
24) 1,1-Dichloroethane	6.03	63	85843	21.110	ug/l	99
25) 2-Butanone	7.00	43	103090	99.464	ug/l	99
26) 2,2-Dichloropropane	7.00	77	79386	20.955	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	52505	20.925	ug/l	97
28) Bromochloromethane	7.35	49	39708	19.410	ug/l	99
29) Tetrahydrofuran	7.36	42	57381	105.950	ug/l	99
30) Chloroform	7.52	83	84788	21.228	ug/l	95
31) Cyclohexane	7.80	56	79807	21.196	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	77693	20.851	ug/l	100
36) 1,1-Dichloropropene	7.92	75	70244	21.092	ug/l	99
37) Ethyl Acetate	7.09	43	43896	21.226	ug/l	99
38) Carbon Tetrachloride	7.91	117	71547	20.709	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	77820	20.985	ug/l	98
40) Benzene	8.17	78	193856	20.916	ug/l	99
41) Methacrylonitrile	7.33	41	21996m	19.918	ug/l	
42) 1,2-Dichloroethane	8.25	62	59381	20.448	ug/l	100
43) Isopropyl Acetate	8.28	43	78488	21.118	ug/l	100
44) Trichloroethene	8.94	130	53848	20.696	ug/l	98
45) 1,2-Dichloropropane	9.22	63	48706	20.810	ug/l	98
46) Dibromomethane	9.31	93	26701	20.736	ug/l	99
47) Bromodichloromethane	9.50	83	64462	20.453	ug/l	100
48) Methyl methacrylate	9.30	41	36106	20.623	ug/l	98
49) 1,4-Dioxane	9.30	88	6681	415.826	ug/l #	87
51) 4-Methyl-2-Pentanone	10.08	43	207612	104.845	ug/l	99
52) Toluene	10.25	92	121055	20.883	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	69196	20.631	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	78386	20.769	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	36983	20.233	ug/l	100
56) Ethyl methacrylate	10.51	69	50830	20.761	ug/l	99
57) 1,3-Dichloropropane	10.79	76	65898	20.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	130899	105.465	ug/l	99
59) 2-Hexanone	10.83	43	149677	102.089	ug/l	99
60) Dibromochloromethane	10.99	129	46217	20.572	ug/l	98
61) 1,2-Dibromoethane	11.09	107	36504	20.686	ug/l	98
64) Tetrachloroethene	10.72	164	49422	21.250	ug/l	97
65) Chlorobenzene	11.52	112	128966	21.316	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	47196	20.685	ug/l	99
67) Ethyl Benzene	11.59	91	231876	21.136	ug/l	99
68) m/p-Xylenes	11.70	106	174330	41.933	ug/l	99
69) o-Xylene	12.03	106	80869	21.146	ug/l	99
70) Styrene	12.05	104	133905	20.622	ug/l	99
71) Bromoform	12.21	173	31747	20.875	ug/l #	100
73) Isopropylbenzene	12.33	105	226720	21.429	ug/l	100
74) N-amyl acetate	12.14	43	63607	21.224	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	47218	20.894	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	35667m	20.813	ug/l	
77) Bromobenzene	12.61	156	55197	20.534	ug/l	97
78) n-propylbenzene	12.67	91	265763	21.326	ug/l	99
79) 2-Chlorotoluene	12.75	91	147249	21.149	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	187732	21.416	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16872	20.549	ug/l	98
82) 4-Chlorotoluene	12.86	91	153974	21.162	ug/l	99
83) tert-Butylbenzene	13.08	119	163059	20.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	184376	21.045	ug/l	100
85) sec-Butylbenzene	13.25	105	223748	21.255	ug/l	100
86) p-Isopropyltoluene	13.37	119	204383	20.935	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	103845	20.737	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	104624	21.011	ug/l	99
89) n-Butylbenzene	13.70	91	191743	21.503	ug/l	99
90) Hexachloroethane	13.96	117	34763	21.157	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	92466	20.786	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8943	21.861	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	68520	21.776	ug/l	98
94) Hexachlorobutadiene	15.11	225	44738	22.102	ug/l	98
95) Naphthalene	15.23	128	135168	21.452	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	59482	21.015	ug/l	99

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

