

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY052920\
 Data File : VY002796.D
 Acq On : 29 May 2020 11:49
 Operator : SY/MD
 Sample : VY0529SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

Quant Time: May 30 04:10:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	294588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	433424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221196	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	130428	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.72	113	132100	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.18	98	529594	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.48	95	183195	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	41005	20.23	ug/l	96
3) Chloromethane	2.11	50	46989	20.96	ug/l	99
4) Vinyl Chloride	2.26	62	49659	20.95	ug/l	99
5) Bromomethane	2.65	94	37224	20.96	ug/l	100
6) Chloroethane	2.79	64	33169	21.59	ug/l	98
7) Trichlorofluoromethane	3.13	101	88615	21.11	ug/l	97
8) Diethyl Ether	3.54	74	31138	19.00	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	53113	21.31	ug/l	97
10) Methyl Iodide	4.10	142	70019	20.08	ug/l	99
11) Tert butyl alcohol	4.97	59	33387	114.52	ug/l	97
12) 1,1-Dichloroethene	3.88	96	52259	20.85	ug/l	95
13) Acrolein	3.74	56	30751	102.59	ug/l	99
14) Allyl chloride	4.49	41	76040	21.16	ug/l	98
15) Acrylonitrile	5.18	53	78440	106.09	ug/l	99
16) Acetone	3.96	43	61526	102.58	ug/l	99
17) Carbon Disulfide	4.20	76	158684	20.95	ug/l	98
18) Methyl Acetate	4.49	43	34529	22.41	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	143497	20.74	ug/l	100
20) Methylene Chloride	4.72	84	63974	21.83	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	59863	21.24	ug/l	99
22) Diisopropyl ether	6.13	45	160348	21.47	ug/l	96
23) Vinyl Acetate	6.07	43	523093	106.07	ug/l	100
24) 1,1-Dichloroethane	6.02	63	93108	21.31	ug/l	100
25) 2-Butanone	6.99	43	98537	105.45	ug/l	100
26) 2,2-Dichloropropane	6.99	77	88189	21.05	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	66470	21.07	ug/l	100
28) Bromochloromethane	7.34	49	38282	21.34	ug/l	100
29) Tetrahydrofuran	7.36	42	63596	104.63	ug/l	99
30) Chloroform	7.52	83	98705	21.29	ug/l	99
31) Cyclohexane	7.79	56	89125	20.54	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	90320	20.90	ug/l	100
36) 1,1-Dichloropropene	7.92	75	77274	21.16	ug/l	100
37) Ethyl Acetate	7.08	43	42900	21.60	ug/l	99
38) Carbon Tetrachloride	7.91	117	85948	21.19	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	102221	21.24	ug/l	99
40) Benzene	8.17	78	228800	21.21	ug/l	99
41) Methacrylonitrile	7.33	41	25446m	23.84	ug/l	
42) 1,2-Dichloroethane	8.24	62	64496	21.33	ug/l	99
43) Isopropyl Acetate	8.28	43	80250	21.32	ug/l	100
44) Trichloroethene	8.94	130	72494	21.27	ug/l	97
45) 1,2-Dichloropropane	9.22	63	54638	21.12	ug/l	99
46) Dibromomethane	9.31	93	33156	21.58	ug/l	97
47) Bromodichloromethane	9.50	83	76153	21.02	ug/l	96
48) Methyl methacrylate	9.30	41	35955	21.16	ug/l	99
49) 1,4-Dioxane	9.30	88	10097	427.99	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	213863	107.29	ug/l	98
52) Toluene	10.25	92	149727	21.22	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	84024	21.24	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	96075	21.43	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	50189	21.34	ug/l	95
56) Ethyl methacrylate	10.51	69	66172	21.00	ug/l	99
57) 1,3-Dichloropropane	10.79	76	81414	21.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	154702	100.49	ug/l	100
59) 2-Hexanone	10.83	43	151088	106.83	ug/l	100
60) Dibromochloromethane	10.99	129	63293	21.22	ug/l	99
61) 1,2-Dibromoethane	11.09	107	49076	21.15	ug/l	100
64) Tetrachloroethene	10.72	164	76619	20.66	ug/l	98
65) Chlorobenzene	11.52	112	168713	20.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	63019	20.75	ug/l	99
67) Ethyl Benzene	11.59	91	290797	20.80	ug/l	100
68) m/p-Xylenes	11.70	106	227401	41.95	ug/l	100
69) o-Xylene	12.03	106	106496	20.81	ug/l	100
70) Styrene	12.04	104	184073	20.75	ug/l	99
71) Bromoform	12.20	173	42090	20.71	ug/l #	98
73) Isopropylbenzene	12.33	105	296351	20.91	ug/l	99
74) N-amyl acetate	12.14	43	76502	21.03	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	52646	21.17	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	41392m	20.77	ug/l	
77) Bromobenzene	12.61	156	75590	20.48	ug/l	98
78) n-propylbenzene	12.67	91	342153	20.90	ug/l	100
79) 2-Chlorotoluene	12.75	91	190597	20.75	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	245372	20.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22472	21.24	ug/l	98
82) 4-Chlorotoluene	12.85	91	202038	20.99	ug/l	100
83) tert-Butylbenzene	13.08	119	220004	20.84	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	249231	20.94	ug/l	99
85) sec-Butylbenzene	13.25	105	303243	21.01	ug/l	99
86) p-Isopropyltoluene	13.37	119	281135	20.93	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	145692	20.84	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	145008	20.73	ug/l	99
89) n-Butylbenzene	13.70	91	257438	21.11	ug/l	100
90) Hexachloroethane	13.96	117	52592	20.91	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	132814	20.95	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10293	21.51	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	100966	21.13	ug/l	100
94) Hexachlorobutadiene	15.11	225	57738	21.30	ug/l	99
95) Naphthalene	15.23	128	199449	20.81	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	90140	21.12	ug/l	99

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

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