

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
 Data File : VY002864.D
 Acq On : 09 Jun 2020 11:23
 Operator : SY/MD
 Sample : VY0609SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Quant Time: Jun 10 05:38:35 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	296770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	434621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	403474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	219808	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	129073	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	7.72	113	132240	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
50) Toluene-d8	10.18	98	521016	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.48	95	184590	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	43267	21.188	ug/l	95
3) Chloromethane	2.12	50	48609	21.521	ug/l	99
4) Vinyl Chloride	2.26	62	53011	22.205	ug/l	99
5) Bromomethane	2.65	94	37963	21.220	ug/l	95
6) Chloroethane	2.79	64	33310	21.523	ug/l	95
7) Trichlorofluoromethane	3.13	101	90518	21.408	ug/l	100
8) Diethyl Ether	3.54	74	32896	19.925	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	54995	21.906	ug/l	98
10) Methyl Iodide	4.10	142	69941	19.910	ug/l	99
11) Tert butyl alcohol	4.97	59	33883	115.471	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	54355	21.529	ug/l	98
13) Acrolein	3.74	56	25195	83.435	ug/l	96
14) Allyl chloride	4.49	41	77872	21.506	ug/l	100
15) Acrylonitrile	5.18	53	81418	109.313	ug/l	99
16) Acetone	3.96	43	65926	109.108	ug/l	100
17) Carbon Disulfide	4.20	76	156013	20.450	ug/l	99
18) Methyl Acetate	4.48	43	38761	25.083	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	148912	21.365	ug/l	100
20) Methylene Chloride	4.72	84	67323	22.800	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	59112	20.820	ug/l	99
22) Diisopropyl ether	6.13	45	163246	21.695	ug/l	95
23) Vinyl Acetate	6.07	43	534411	107.573	ug/l	100
24) 1,1-Dichloroethane	6.03	63	95207	21.630	ug/l	99
25) 2-Butanone	6.99	43	101269	107.575	ug/l	99
26) 2,2-Dichloropropane	6.99	77	91126	21.586	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	66907	21.050	ug/l	99
28) Bromochloromethane	7.34	49	40453	22.387	ug/l	100
29) Tetrahydrofuran	7.35	42	66893	109.243	ug/l	100
30) Chloroform	7.51	83	100047	21.420	ug/l	97
31) Cyclohexane	7.79	56	90418	20.689	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	92250	21.195	ug/l	100
36) 1,1-Dichloropropene	7.92	75	78323	21.393	ug/l	99
37) Ethyl Acetate	7.08	43	46176	23.181	ug/l	98
38) Carbon Tetrachloride	7.91	117	85945	21.131	ug/l	100

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39) Methylcyclohexane	9.18	83	101891	21.114	ug/l	97
40) Benzene	8.16	78	230239	21.283	ug/l	97
41) Methacrylonitrile	7.32	41	19567m	18.285	ug/l	
42) 1,2-Dichloroethane	8.24	62	65802	21.704	ug/l	100
43) Isopropyl Acetate	8.28	43	82035	21.733	ug/l	99
44) Trichloroethene	8.94	130	72755	21.292	ug/l	94
45) 1,2-Dichloropropane	9.22	63	57367	22.113	ug/l	99
46) Dibromomethane	9.31	93	33743	21.901	ug/l	99
47) Bromodichloromethane	9.50	83	78413	21.589	ug/l	98
48) Methyl methacrylate	9.29	41	35799	21.008	ug/l	98
49) 1,4-Dioxane	9.31	88	9937	420.047	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	220847	110.489	ug/l	100
52) Toluene	10.24	92	151614	21.424	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	86275	21.747	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	97265	21.637	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	52039	22.062	ug/l	99
56) Ethyl methacrylate	10.51	69	68063	21.544	ug/l	99
57) 1,3-Dichloropropane	10.79	76	83637	21.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	170363	110.357	ug/l	99
59) 2-Hexanone	10.83	43	157141	110.802	ug/l	100
60) Dibromochloromethane	10.99	129	65385	21.865	ug/l	100
61) 1,2-Dibromoethane	11.09	107	50495	21.702	ug/l	99
64) Tetrachloroethene	10.72	164	76332	20.816	ug/l	98
65) Chlorobenzene	11.52	112	169749	21.286	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	65258	21.728	ug/l	99
67) Ethyl Benzene	11.60	91	296181	21.423	ug/l	99
68) m/p-Xylenes	11.70	106	231263	43.144	ug/l	99
69) o-Xylene	12.03	106	110257	21.789	ug/l	98
70) Styrene	12.05	104	187570	21.382	ug/l	100
71) Bromoform	12.21	173	44265	22.026	ug/l #	99
73) Isopropylbenzene	12.33	105	298097	21.162	ug/l	100
74) N-amyl acetate	12.14	43	77750	21.512	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	55797	22.576	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	45296m	22.870	ug/l	
77) Bromobenzene	12.61	156	78209	21.323	ug/l	99
78) n-propylbenzene	12.67	91	344983	21.202	ug/l	100
79) 2-Chlorotoluene	12.75	91	191372	20.967	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	249423	21.207	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23317	22.180	ug/l	99
82) 4-Chlorotoluene	12.86	91	203631	21.294	ug/l	100
83) tert-Butylbenzene	13.08	119	221663	21.128	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	251847	21.296	ug/l	100
85) sec-Butylbenzene	13.25	105	305727	21.313	ug/l	100
86) p-Isopropyltoluene	13.37	119	286475	21.462	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	148639	21.394	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	148695	21.395	ug/l	100
89) n-Butylbenzene	13.70	91	260060	21.460	ug/l	100
90) Hexachloroethane	13.96	117	53472	21.399	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	135516	21.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10739	22.585	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	102214	21.522	ug/l	99
94) Hexachlorobutadiene	15.11	225	58707	21.794	ug/l	100
95) Naphthalene	15.24	128	202916	21.309	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	92029	21.700	ug/l	98

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

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