

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042920\
 Data File : VY002504.D
 Acq On : 29 Apr 2020 12:54
 Operator : SY/MD
 Sample : VY0429SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

Quant Time: Apr 30 04:40:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	304457	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	437958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	400177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	208922	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	103809	39.01	ug/l	0.00
Spiked Amount			Recovery	=	78.02%	
35) Dibromofluoromethane	7.74	113	99565	40.30	ug/l	0.00
Spiked Amount			Recovery	=	80.60%	
50) Toluene-d8	10.19	98	389335	39.21	ug/l	0.00
Spiked Amount			Recovery	=	78.42%	
62) 4-Bromofluorobenzene	12.49	95	133040	39.93	ug/l	0.00
Spiked Amount			Recovery	=	79.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	39695	17.803	ug/l	98
3) Chloromethane	2.12	50	48784	17.196	ug/l	98
4) Vinyl Chloride	2.26	62	38183	18.735	ug/l	99
5) Bromomethane	2.66	94	19398	16.959	ug/l	95
6) Chloroethane	2.80	64	14759	15.848	ug/l	100
7) Trichlorofluoromethane	3.14	101	58758	15.900	ug/l	99
8) Diethyl Ether	3.55	74	15102	9.914	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.92	101	43863	17.243	ug/l	98
10) Methyl Iodide	4.11	142	63209	16.107	ug/l	99
11) Tert butyl alcohol	4.99	59	20957	83.675	ug/l	98
12) 1,1-Dichloroethene	3.89	96	43443	16.668	ug/l	94
13) Acrolein	3.76	56	9757	48.665	ug/l	94
14) Allyl chloride	4.51	41	58071	15.161	ug/l	98
15) Acrylonitrile	5.19	53	55679	76.396	ug/l	99
16) Acetone	3.97	43	44523	80.061	ug/l	91
17) Carbon Disulfide	4.21	76	126309	15.542	ug/l	100
18) Methyl Acetate	4.50	43	24870	13.898	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	115386	16.407	ug/l	99
20) Methylene Chloride	4.74	84	48923	15.409	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	47464	16.176	ug/l	92
22) Diisopropyl ether	6.15	45	114790	15.158	ug/l	96
23) Vinyl Acetate	6.09	43	363386	75.514	ug/l	98
24) 1,1-Dichloroethane	6.04	63	71921	15.686	ug/l	99
25) 2-Butanone	7.01	43	62909	73.839	ug/l	98
26) 2,2-Dichloropropane	7.00	77	76780	17.510	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	52814	16.548	ug/l	99
28) Bromochloromethane	7.36	49	27889	15.591	ug/l	89
29) Tetrahydrofuran	7.37	42	40072	70.941	ug/l	94
30) Chloroform	7.53	83	78375	16.054	ug/l	99
31) Cyclohexane	7.80	56	69822	15.229	ug/l	# 89
32) 1,1,1-Trichloroethane	7.72	97	79547	17.244	ug/l	99
36) 1,1-Dichloropropene	7.94	75	61373	16.343	ug/l	99
37) Ethyl Acetate	7.10	43	29041	15.393	ug/l	100
38) Carbon Tetrachloride	7.92	117	75875	17.570	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	79777	16.285	ug/l	96
40) Benzene	8.18	78	180389	16.620	ug/l	100
41) Methacrylonitrile	7.33	41	13468m	11.587	ug/l	
42) 1,2-Dichloroethane	8.25	62	53988	17.123	ug/l	99
43) Isopropyl Acetate	8.28	43	52698	14.935	ug/l	98
44) Trichloroethene	8.96	130	58239	17.160	ug/l	94
45) 1,2-Dichloropropane	9.23	63	39408	15.753	ug/l	100
46) Dibromomethane	9.32	93	24351	16.638	ug/l	98
47) Bromodichloromethane	9.51	83	61323	16.755	ug/l	97
48) Methyl methacrylate	9.30	41	24695	15.331	ug/l	99
49) 1,4-Dioxane	9.32	88	6209	332.888	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	140552	76.688	ug/l	98
52) Toluene	10.25	92	117413	16.805	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	64922	16.890	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	71843	16.330	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	35527	16.417	ug/l	96
56) Ethyl methacrylate	10.52	69	46747	15.810	ug/l	97
57) 1,3-Dichloropropane	10.80	76	59802	16.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	111822	78.205	ug/l	97
59) 2-Hexanone	10.84	43	94788	74.197	ug/l	100
60) Dibromochloromethane	11.00	129	48312	17.038	ug/l	97
61) 1,2-Dibromoethane	11.10	107	34045	15.866	ug/l	98
64) Tetrachloroethene	10.73	164	63399	17.286	ug/l	94
65) Chlorobenzene	11.53	112	132453	17.169	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	50171	17.332	ug/l	99
67) Ethyl Benzene	11.60	91	233845	17.007	ug/l	98
68) m/p-Xylenes	11.71	106	179968	34.001	ug/l	98
69) o-Xylene	12.03	106	84791	17.299	ug/l	100
70) Styrene	12.05	104	146611	17.178	ug/l	100
71) Bromoform	12.22	173	29870	16.380	ug/l #	97
73) Isopropylbenzene	12.34	105	237456	17.001	ug/l	99
74) N-amyl acetate	12.15	43	48318	14.599	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	32425	15.115	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	31068m	17.545	ug/l	
77) Bromobenzene	12.62	156	59372	16.949	ug/l	96
78) n-propylbenzene	12.68	91	269480	16.617	ug/l	99
79) 2-Chlorotoluene	12.77	91	148479	16.732	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	200490	16.912	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	14823	15.491	ug/l	98
82) 4-Chlorotoluene	12.86	91	156117	17.022	ug/l	100
83) tert-Butylbenzene	13.08	119	174168	16.919	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	200644	17.641	ug/l	99
85) sec-Butylbenzene	13.26	105	237430	17.225	ug/l	99
86) p-Isopropyltoluene	13.38	119	230314	17.520	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	112391	17.347	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	109552	17.004	ug/l	99
89) n-Butylbenzene	13.70	91	204469	16.861	ug/l	99
90) Hexachloroethane	13.97	117	39550	16.646	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	100521	18.016	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6546	15.370	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	75917	17.239	ug/l	100
94) Hexachlorobutadiene	15.12	225	48259	18.158	ug/l	100
95) Naphthalene	15.24	128	133877	16.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	64716	17.326	ug/l	99

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

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