

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
 Data File : VY002482.D
 Acq On : 24 Apr 2020 15:10
 Operator : SY/MD
 Sample : VY0424SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

Quant Time: Apr 25 06:22:57 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	7.82	168	341970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	496552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	449549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	214358	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	143020	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	7.74	113	140162	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.19	98	540268	47.99	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.49	95	186515	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	46922	18.736	ug/l	98
3) Chloromethane	2.13	50	57619	18.082	ug/l	97
4) Vinyl Chloride	2.27	62	37997	16.599	ug/l	99
5) Bromomethane	2.66	94	28634	22.288	ug/l	88
6) Chloroethane	2.81	64	25088	22.518	ug/l	97
7) Trichlorofluoromethane	3.15	101	88176	21.243	ug/l	98
8) Diethyl Ether	3.55	74	36676	21.436	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.92	101	63345	22.170	ug/l	97
10) Methyl Iodide	4.12	142	88710	20.126	ug/l	98
11) Tert butyl alcohol	5.00	59	30614	108.824	ug/l	97
12) 1,1-Dichloroethene	3.90	96	61591	21.039	ug/l	96
13) Acrolein	3.75	56	21611	95.966	ug/l	100
14) Allyl chloride	4.51	41	88888	20.662	ug/l	96
15) Acrylonitrile	5.19	53	86143	105.229	ug/l	100
16) Acetone	3.97	43	72382	115.878	ug/l	100
17) Carbon Disulfide	4.22	76	179585	19.674	ug/l	100
18) Methyl Acetate	4.51	43	41180	20.488	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	164976	20.885	ug/l	97
20) Methylene Chloride	4.74	84	70375	19.733	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	67141	20.371	ug/l	94
22) Diisopropyl ether	6.15	45	177818	20.905	ug/l	97
23) Vinyl Acetate	6.09	43	571878	105.804	ug/l	99
24) 1,1-Dichloroethane	6.05	63	104782	20.346	ug/l	99
25) 2-Butanone	7.02	43	101492	106.058	ug/l	97
26) 2,2-Dichloropropane	7.01	77	101490	20.606	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	73742	20.571	ug/l	99
28) Bromochloromethane	7.36	49	40942	20.378	ug/l	97
29) Tetrahydrofuran	7.38	42	67469	106.341	ug/l	99
30) Chloroform	7.53	83	110914	20.227	ug/l	100
31) Cyclohexane	7.80	56	100926	19.598	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	103351	19.947	ug/l	99
36) 1,1-Dichloropropene	7.94	75	86745	20.374	ug/l	100
37) Ethyl Acetate	7.10	43	45873	21.446	ug/l	100
38) Carbon Tetrachloride	7.92	117	97652	19.945	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	112485	20.252	ug/l	97
40) Benzene	8.18	78	253025	20.561	ug/l	99
41) Methacrylonitrile	7.35	41	27380m	20.777	ug/l	
42) 1,2-Dichloroethane	8.26	62	72309	20.227	ug/l	100
43) Isopropyl Acetate	8.29	43	84370	21.089	ug/l	100
44) Trichloroethene	8.96	130	79064	20.547	ug/l	97
45) 1,2-Dichloropropane	9.23	63	59086	20.833	ug/l	94
46) Dibromomethane	9.32	93	34471	20.774	ug/l	98
47) Bromodichloromethane	9.51	83	85458	20.594	ug/l	99
48) Methyl methacrylate	9.31	41	37391	20.473	ug/l	97
49) 1,4-Dioxane	9.31	88	8449	399.530	ug/l	88
51) 4-Methyl-2-Pentanone	10.08	43	219412	105.588	ug/l	99
52) Toluene	10.25	92	160269	20.232	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	89723	20.588	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	103058	20.661	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	51390	20.946	ug/l	96
56) Ethyl methacrylate	10.52	69	69550	20.746	ug/l	99
57) 1,3-Dichloropropane	10.80	76	86545	20.893	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	168790	104.117	ug/l	99
59) 2-Hexanone	10.84	43	151432	104.549	ug/l	99
60) Dibromochloromethane	10.99	129	64503	20.064	ug/l	99
61) 1,2-Dibromoethane	11.10	107	50921	20.930	ug/l	98
64) Tetrachloroethene	10.73	164	85648	20.788	ug/l	99
65) Chlorobenzene	11.52	112	177884	20.525	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	67031	20.613	ug/l	99
67) Ethyl Benzene	11.60	91	314027	20.331	ug/l	100
68) m/p-Xylenes	11.71	106	244208	41.070	ug/l	98
69) o-Xylene	12.03	106	114822	20.853	ug/l	99
70) Styrene	12.05	104	198034	20.655	ug/l	99
71) Bromoform	12.22	173	42464	20.729	ug/l #	100
73) Isopropylbenzene	12.34	105	315917	22.045	ug/l	99
74) N-amyl acetate	12.15	43	76773	22.608	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	50001	22.718	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	36079m	19.859	ug/l	
77) Bromobenzene	12.62	156	78333	21.794	ug/l	97
78) n-propylbenzene	12.68	91	361857	21.747	ug/l	100
79) 2-Chlorotoluene	12.77	91	201839	22.168	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	264290	21.729	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	22124	22.534	ug/l #	75
82) 4-Chlorotoluene	12.86	91	211744	22.501	ug/l	100
83) tert-Butylbenzene	13.08	119	210794	19.957	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	254036	21.769	ug/l	100
85) sec-Butylbenzene	13.26	105	287633	20.338	ug/l	100
86) p-Isopropyltoluene	13.38	119	271751	20.148	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	134566	20.243	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	136437	20.640	ug/l	99
89) n-Butylbenzene	13.70	91	255572	20.541	ug/l	99
90) Hexachloroethane	13.97	117	53440	21.921	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	113023	19.743	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9555	21.867	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	100886	22.328	ug/l	100
94) Hexachlorobutadiene	15.12	225	60834	22.309	ug/l	99
95) Naphthalene	15.25	128	188502	22.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	87788	22.906	ug/l	99

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

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