

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
 Data File : VY002265.D
 Acq On : 09 Apr 2020 11:16
 Operator : SY/MD
 Sample : VY0409SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

Quant Time: Apr 10 08:54:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	167550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	304888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	274108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	126294	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	87495	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	7.74	113	86225	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
50) Toluene-d8	10.19	98	358482	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
62) 4-Bromofluorobenzene	12.49	95	120948	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	33410	19.730	ug/l	97
3) Chloromethane	2.13	50	42413	19.901	ug/l	98
4) Vinyl Chloride	2.26	62	45565	20.087	ug/l	99
5) Bromomethane	2.66	94	27782	19.833	ug/l	100
6) Chloroethane	2.80	64	25360	19.385	ug/l	95
7) Trichlorofluoromethane	3.14	101	58714	20.042	ug/l	96
8) Diethyl Ether	3.55	74	24979	20.057	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	40492	20.348	ug/l	99
10) Methyl Iodide	4.11	142	42306	18.290	ug/l	100
11) Tert butyl alcohol	4.98	59	27322	120.275	ug/l #	90
12) 1,1-Dichloroethene	3.89	96	41606	20.565	ug/l	98
13) Acrolein	3.75	56	22668	94.353	ug/l	99
14) Allyl chloride	4.49	41	67904	20.785	ug/l	99
15) Acrylonitrile	5.18	53	62049	97.428	ug/l	98
16) Acetone	3.97	43	50471	102.844	ug/l	95
17) Carbon Disulfide	4.21	76	134097	19.958	ug/l	99
18) Methyl Acetate	4.50	43	31229	20.515	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	105544	19.844	ug/l	99
20) Methylene Chloride	4.74	84	48275	20.013	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	46063	20.285	ug/l	98
22) Diisopropyl ether	6.14	45	137246	20.875	ug/l	97
23) Vinyl Acetate	6.08	43	425545	101.568	ug/l	98
24) 1,1-Dichloroethane	6.04	63	75804	20.271	ug/l	98
25) 2-Butanone	7.00	43	76929	99.053	ug/l	90
26) 2,2-Dichloropropane	7.00	77	64927	20.755	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	49746	20.096	ug/l	98
28) Bromochloromethane	7.35	49	34186	21.177	ug/l	95
29) Tetrahydrofuran	7.36	42	50050	97.491	ug/l	99
30) Chloroform	7.52	83	72450	20.552	ug/l	98
31) Cyclohexane	7.80	56	80840	20.594	ug/l	91
32) 1,1,1-Trichloroethane	7.72	97	59798	20.380	ug/l	99
36) 1,1-Dichloropropene	7.94	75	60196	20.045	ug/l	99
37) Ethyl Acetate	7.10	43	33754	19.675	ug/l	98
38) Carbon Tetrachloride	7.91	117	51302	19.971	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	83222	20.372	ug/l	96
40) Benzene	8.17	78	183075	20.093	ug/l	99
41) Methacrylonitrile	7.34	41	17600m	17.390	ug/l	
42) 1,2-Dichloroethane	8.25	62	44499	19.716	ug/l	100
43) Isopropyl Acetate	8.28	43	60062	19.196	ug/l	100
44) Trichloroethene	8.95	130	51748	19.318	ug/l	94
45) 1,2-Dichloropropane	9.22	63	45845	20.279	ug/l	97
46) Dibromomethane	9.32	93	23440	19.830	ug/l	99
47) Bromodichloromethane	9.51	83	54103	19.948	ug/l	98
48) Methyl methacrylate	9.30	41	28547	20.348	ug/l	95
49) 1,4-Dioxane	9.31	88	6274	375.230	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	168350	103.256	ug/l	98
52) Toluene	10.25	92	111426	20.292	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	59126	20.008	ug/l	93
54) cis-1,3-Dichloropropene	9.94	75	70016	19.708	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	34471	19.919	ug/l	99
56) Ethyl methacrylate	10.52	69	47686	19.307	ug/l	99
57) 1,3-Dichloropropane	10.80	76	59905	19.694	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	131399	102.733	ug/l	98
59) 2-Hexanone	10.84	43	110362	97.532	ug/l	99
60) Dibromochloromethane	10.99	129	37207	20.163	ug/l	97
61) 1,2-Dibromoethane	11.10	107	32212	19.552	ug/l	100
64) Tetrachloroethene	10.73	164	55471	20.016	ug/l	98
65) Chlorobenzene	11.53	112	114462	20.088	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	37620	19.998	ug/l	98
67) Ethyl Benzene	11.60	91	212205	20.344	ug/l	98
68) m/p-Xylenes	11.71	106	159949	40.940	ug/l	99
69) o-Xylene	12.04	106	73370	20.003	ug/l	99
70) Styrene	12.05	104	128647	20.216	ug/l	100
71) Bromoform	12.22	173	20213	19.758	ug/l #	100
73) Isopropylbenzene	12.34	105	200908	20.249	ug/l	100
74) N-amyl acetate	12.15	43	54743	19.437	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	25236	21.023	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	26589m	18.130	ug/l	
77) Bromobenzene	12.62	156	43044	19.719	ug/l	98
78) n-propylbenzene	12.68	91	248677	20.152	ug/l	100
79) 2-Chlorotoluene	12.77	91	136385	20.338	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	168226	20.501	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	14555	19.303	ug/l	96
82) 4-Chlorotoluene	12.86	91	141058	20.069	ug/l	100
83) tert-Butylbenzene	13.08	119	139954	20.362	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	167945	20.496	ug/l	98
85) sec-Butylbenzene	13.27	105	209395	20.451	ug/l	100
86) p-Isopropyltoluene	13.38	119	183835	20.861	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	86115	20.356	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	86209	20.075	ug/l	99
89) n-Butylbenzene	13.70	91	183027	20.262	ug/l	100
90) Hexachloroethane	13.97	117	33001	19.652	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	77041	20.041	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5694	19.612	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	48009	19.107	ug/l	98
94) Hexachlorobutadiene	15.12	225	24309	19.209	ug/l	100
95) Naphthalene	15.25	128	104150	18.931	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	42135	19.313	ug/l	99

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

