

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042920\
 Data File : VY002505.D
 Acq On : 29 Apr 2020 13:46
 Operator : SY/MD
 Sample : VY0429SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

Quant Time: Apr 30 04:49:46 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	7.80	168	330274	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	473230	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	422044	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	218365	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	107067	37.09	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	74.18%	
35) Dibromofluoromethane	7.74	113	109416	40.99	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	81.98%	
50) Toluene-d8	10.19	98	425699	39.68	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	79.36%	
62) 4-Bromofluorobenzene	12.49	95	143139	39.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	39842	16.472	ug/l	98
3) Chloromethane	2.13	50	47364	15.390	ug/l	95
4) Vinyl Chloride	2.26	62	37676	17.042	ug/l	99
5) Bromomethane	2.66	94	22489	18.124	ug/l	91
6) Chloroethane	2.81	64	18258	17.672	ug/l	100
7) Trichlorofluoromethane	3.14	101	66421	16.569	ug/l	99
8) Diethyl Ether	3.54	74	16237	9.826	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.92	101	33972	12.311	ug/l	96
10) Methyl Iodide	4.11	142	67690	15.901	ug/l	99
11) Tert butyl alcohol	4.98	59	19595	72.121	ug/l	97
12) 1,1-Dichloroethene	3.90	96	33201	11.743	ug/l	97
13) Acrolein	3.75	56	8290	38.116	ug/l	97
14) Allyl chloride	4.50	41	65439	15.750	ug/l	98
15) Acrylonitrile	5.19	53	54866	69.396	ug/l	97
16) Acetone	3.97	43	31209	51.733	ug/l	94
17) Carbon Disulfide	4.21	76	142110	16.120	ug/l	99
18) Methyl Acetate	4.50	43	27006	13.912	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	120840	15.839	ug/l	100
20) Methylene Chloride	4.74	84	56035	16.269	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	53115	16.686	ug/l	93
22) Diisopropyl ether	6.14	45	130738	15.914	ug/l	98
23) Vinyl Acetate	6.08	43	384912	73.735	ug/l	100
24) 1,1-Dichloroethane	6.04	63	80970	16.279	ug/l	99
25) 2-Butanone	7.01	43	63084	68.256	ug/l	99
26) 2,2-Dichloropropane	7.00	77	86569	18.199	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	58167	16.801	ug/l	98
28) Bromochloromethane	7.35	49	33267	17.144	ug/l	91
29) Tetrahydrofuran	7.37	42	40502	66.098	ug/l	98
30) Chloroform	7.52	83	89361	16.874	ug/l	100
31) Cyclohexane	7.80	56	81044	16.295	ug/l #	91
32) 1,1,1-Trichloroethane	7.72	97	89088	17.803	ug/l	99
36) 1,1-Dichloropropene	7.93	75	70624	17.405	ug/l	100
37) Ethyl Acetate	7.09	43	28591	14.025	ug/l	96
38) Carbon Tetrachloride	7.91	117	85974	18.425	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	90856	17.164	ug/l	98
40) Benzene	8.18	78	202230	17.243	ug/l	100
41) Methacrylonitrile	7.33	41	15601m	12.422	ug/l	
42) 1,2-Dichloroethane	8.25	62	57381	16.842	ug/l	100
43) Isopropyl Acetate	8.28	43	54335	14.251	ug/l	97
44) Trichloroethene	8.95	130	64516	17.593	ug/l	97
45) 1,2-Dichloropropane	9.22	63	43877	16.233	ug/l	97
46) Dibromomethane	9.32	93	25841	16.340	ug/l	97
47) Bromodichloromethane	9.50	83	68126	17.226	ug/l	97
48) Methyl methacrylate	9.30	41	24612	14.140	ug/l	96
49) 1,4-Dioxane	9.30	88	6516	323.309	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	141400	71.400	ug/l	98
52) Toluene	10.25	92	131514	17.420	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	68873	16.583	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	80172	16.865	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	38756	16.575	ug/l	97
56) Ethyl methacrylate	10.52	69	47109	14.745	ug/l	98
57) 1,3-Dichloropropane	10.80	76	63652	16.124	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	122388	79.215	ug/l	98
59) 2-Hexanone	10.84	43	92551	67.046	ug/l	98
60) Dibromochloromethane	10.99	129	51540	16.822	ug/l	100
61) 1,2-Dibromoethane	11.10	107	36799	15.871	ug/l	99
64) Tetrachloroethene	10.72	164	72620	18.774	ug/l	97
65) Chlorobenzene	11.52	112	146773	18.039	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	56122	18.383	ug/l	99
67) Ethyl Benzene	11.60	91	262268	18.086	ug/l	99
68) m/p-Xylenes	11.70	106	201610	36.116	ug/l	98
69) o-Xylene	12.03	106	94948	18.367	ug/l	98
70) Styrene	12.05	104	161981	17.996	ug/l	99
71) Bromoform	12.21	173	32228	16.757	ug/l #	99
73) Isopropylbenzene	12.33	105	265968	18.219	ug/l	100
74) N-amyl acetate	12.15	43	48025	13.883	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	33709	15.034	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	27271m	14.735	ug/l	
77) Bromobenzene	12.61	156	64995	17.752	ug/l	98
78) n-propylbenzene	12.67	91	304016	17.936	ug/l	98
79) 2-Chlorotoluene	12.76	91	165593	17.853	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	223635	18.049	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	14676	14.674	ug/l #	77
82) 4-Chlorotoluene	12.86	91	176079	18.368	ug/l	99
83) tert-Butylbenzene	13.08	119	199850	18.574	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	223109	18.768	ug/l	99
85) sec-Butylbenzene	13.26	105	269147	18.681	ug/l	99
86) p-Isopropyltoluene	13.38	119	253611	18.458	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	124219	18.343	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	123505	18.341	ug/l	99
89) n-Butylbenzene	13.70	91	209932	16.563	ug/l	98
90) Hexachloroethane	13.97	117	44794	18.037	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	109921	18.848	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6288	14.126	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	81636	17.736	ug/l	100
94) Hexachlorobutadiene	15.12	225	50902	18.324	ug/l	98
95) Naphthalene	15.25	128	129827	15.209	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	67115	17.191	ug/l	98

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

