

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042020\
 Data File : VY002422.D
 Acq On : 20 Apr 2020 14:16
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 20 14:58:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 14:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	270304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	414454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	370135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	182778	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	94323	33.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.58%	
35) Dibromofluoromethane	7.74	113	107659	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	
50) Toluene-d8	10.19	98	425876	42.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.86%	
62) 4-Bromofluorobenzene	12.49	95	139255	42.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.91	85	97353	37.469	ug/l 100
3) Chloromethane	2.12	50	112159	34.471	ug/l 100
4) Vinyl Chloride	2.26	62	126820	36.447	ug/l 100
5) Bromomethane	2.66	94	79746	37.131	ug/l 100
6) Chloroethane	2.80	64	71894	35.891	ug/l 100
7) Trichlorofluoromethane	3.14	101	183608	40.028	ug/l 100
8) Diethyl Ether	3.55	74	74617	38.645	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	122639	39.519	ug/l 100
10) Methyl Iodide	4.11	142	180574	48.524	ug/l 100
11) Tert butyl alcohol	4.98	59	52856	139.755	ug/l 100
12) 1,1-Dichloroethene	3.89	96	128479	40.587	ug/l 100
13) Acrolein	3.75	56	66690	180.891	ug/l 100
14) Allyl chloride	4.50	41	155788	31.658	ug/l 100
15) Acrylonitrile	5.19	53	167593	172.131	ug/l 100
16) Acetone	3.97	43	139662	186.257	ug/l 100
17) Carbon Disulfide	4.21	76	395426	38.043	ug/l 100
18) Methyl Acetate	4.50	43	71831	31.223	ug/l 100
19) Methyl tert-butyl Ether	5.25	73	301511	36.878	ug/l 100
20) Methylene Chloride	4.74	84	137884	36.683	ug/l 100
21) trans-1,2-Dichloroethene	5.25	96	138624	39.225	ug/l 100
22) Diisopropyl ether	6.14	45	305835	30.953	ug/l 100
23) Vinyl Acetate	6.08	43	1001605	158.617	ug/l 100
24) 1,1-Dichloroethane	6.05	63	198201	34.696	ug/l 100
25) 2-Butanone	7.01	43	187562	159.458	ug/l 100
26) 2,2-Dichloropropane	7.01	77	170567	35.364	ug/l 100
27) cis-1,2-Dichloroethene	7.01	96	149733	38.935	ug/l 100
28) Bromochloromethane	7.35	49	72067	29.847	ug/l 100
29) Tetrahydrofuran	7.36	42	119143	153.686	ug/l 100
30) Chloroform	7.53	83	201942	37.127	ug/l 100
31) Cyclohexane	7.80	56	188091	31.556	ug/l 100
32) 1,1,1-Trichloroethane	7.72	97	179459	39.447	ug/l 100
36) 1,1-Dichloropropene	7.94	75	165373	41.628	ug/l 100
37) Ethyl Acetate	7.10	43	78673	35.346	ug/l 100
38) Carbon Tetrachloride	7.92	117	168583	48.304	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	228204	42.110	ug/l	100
40) Benzene	8.18	78	511047	42.286	ug/l	100
41) Methacrylonitrile	7.33	41	39326m	30.062	ug/l	
42) 1,2-Dichloroethane	8.25	62	120506	40.461	ug/l	100
43) Isopropyl Acetate	8.29	43	144213	35.594	ug/l	100
44) Trichloroethene	8.95	130	174053	47.770	ug/l	100
45) 1,2-Dichloropropane	9.23	63	114639	38.741	ug/l	100
46) Dibromomethane	9.32	93	69199	43.909	ug/l	100
47) Bromodichloromethane	9.51	83	155985	43.246	ug/l	100
48) Methyl methacrylate	9.30	41	66736	36.681	ug/l	100
49) 1,4-Dioxane	9.31	88	20422	911.395	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	380396	179.458	ug/l	100
52) Toluene	10.25	92	321401	43.899	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	168193	42.996	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	200307	42.623	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	101922	44.101	ug/l	100
56) Ethyl methacrylate	10.52	69	134165	41.287	ug/l	100
57) 1,3-Dichloropropane	10.80	76	166179	41.332	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	331933	196.871	ug/l	100
59) 2-Hexanone	10.84	43	269327	183.212	ug/l	100
60) Dibromochloromethane	10.99	129	124904	49.716	ug/l	100
61) 1,2-Dibromoethane	11.10	107	100236	45.286	ug/l	100
64) Tetrachloroethene	10.73	164	196999	51.957	ug/l	100
65) Chlorobenzene	11.52	112	352341	46.236	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	125125	49.322	ug/l	100
67) Ethyl Benzene	11.60	91	605429	43.838	ug/l	100
68) m/p-Xylenes	11.71	106	470325	90.339	ug/l	100
69) o-Xylene	12.03	106	221954	45.411	ug/l	100
70) Styrene	12.05	104	384980	45.465	ug/l	100
71) Bromoform	12.22	173	77757	55.264	ug/l #	100
73) Isopropylbenzene	12.34	105	592597	42.412	ug/l	100
74) N-amyl acetate	12.15	43	130946	33.935	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	71827	42.415	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	82341m	40.516	ug/l	
77) Bromobenzene	12.61	156	149246	47.537	ug/l	100
78) n-propylbenzene	12.68	91	692014	40.068	ug/l	100
79) 2-Chlorotoluene	12.77	91	377111	40.155	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	485009	42.000	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	41677	39.799	ug/l	100
82) 4-Chlorotoluene	12.86	91	396389	40.271	ug/l #	100
83) tert-Butylbenzene	13.08	119	421503	43.410	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	485291	42.057	ug/l	100
85) sec-Butylbenzene	13.26	105	605002	41.931	ug/l	100
86) p-Isopropyltoluene	13.38	119	548273	43.901	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	275676	45.552	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	277954	45.189	ug/l	100
89) n-Butylbenzene	13.70	91	508217	40.165	ug/l	100
90) Hexachloroethane	13.97	117	102144	43.004	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	252769	45.953	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16154	39.752	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	178987	48.905	ug/l	100
94) Hexachlorobutadiene	15.12	225	98685	52.908	ug/l	100
95) Naphthalene	15.25	128	355051	45.324	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	156746	49.345	ug/l	100

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

