

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY090420\
 Data File : VY003431.D
 Acq On : 04 Sep 2020 14:32
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 05 00:37:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y090420S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 05 00:29:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	645301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1069095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	964470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	466112	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	32244	4.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.64%	
35) Dibromofluoromethane	7.72	113	29989	4.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.72%	
50) Toluene-d8	10.18	98	128196	4.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.84%	
62) 4-Bromofluorobenzene	12.48	95	43540	4.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	26355	4.856	ug/l	98
3) Chloromethane	2.11	50	49291	6.332	ug/l	97
4) Vinyl Chloride	2.25	62	33025	5.102	ug/l	94
5) Bromomethane	2.65	94	29404	5.882	ug/l	88
6) Chloroethane	2.79	64	15711	5.042	ug/l	99
7) Trichlorofluoromethane	3.13	101	51951	5.133	ug/l	95
8) Diethyl Ether	3.53	74	21277	5.094	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.90	101	32762	4.986	ug/l	96
10) Methyl Iodide	4.10	142	18130	4.228	ug/l	91
11) Tert butyl alcohol	4.94	59	38199	33.853	ug/l #	87
12) 1,1-Dichloroethene	3.87	96	33515	4.990	ug/l	85
13) Acrolein	3.73	56	14034	25.338	ug/l	97
14) Allyl chloride	4.48	41	61094	5.238	ug/l #	93
15) Acrylonitrile	5.18	53	52803	23.915	ug/l	98
16) Acetone	3.96	43	50559	26.130	ug/l	92
17) Carbon Disulfide	4.19	76	106972	4.955	ug/l	99
18) Methyl Acetate	4.49	43	27587	5.419	ug/l	90
19) Methyl tert-butyl Ether	5.23	73	87833	4.842	ug/l	98
20) Methylene Chloride	4.72	84	71330	6.805	ug/l #	86
21) trans-1,2-Dichloroethene	5.22	96	37944	4.946	ug/l	94
22) Diisopropyl ether	6.12	45	120630	5.030	ug/l #	95
23) Vinyl Acetate	6.07	43	373321	23.961	ug/l #	93
24) 1,1-Dichloroethane	6.02	63	66220	5.078	ug/l	97
25) 2-Butanone	7.00	43	72012	23.222	ug/l	92
26) 2,2-Dichloropropane	6.99	77	57441	5.098	ug/l	96
27) cis-1,2-Dichloroethene	6.99	96	42522	4.965	ug/l	99
28) Bromochloromethane	7.35	49	31175	4.762	ug/l	98
29) Tetrahydrofuran	7.35	42	45151	22.199	ug/l	98
30) Chloroform	7.51	83	64126	4.993	ug/l	98
31) Cyclohexane	7.79	56	72857	5.215	ug/l #	71
32) 1,1,1-Trichloroethane	7.71	97	53849	4.932	ug/l	98
36) 1,1-Dichloropropene	7.92	75	50957	4.866	ug/l	98
37) Ethyl Acetate	7.08	43	30743	4.610	ug/l	99
38) Carbon Tetrachloride	7.91	117	46328	4.853	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	64946	4.796	ug/l	98
40) Benzene	8.16	78	152983	4.900	ug/l	98
41) Methacrylonitrile	7.33	41	18831m	5.110	ug/l	
42) 1,2-Dichloroethane	8.24	62	41101	4.925	ug/l	100
43) Isopropyl Acetate	8.28	43	55541	4.609	ug/l	98
44) Trichloroethene	8.94	130	41520	4.968	ug/l	96
45) 1,2-Dichloropropane	9.22	63	38862	4.829	ug/l	99
46) Dibromomethane	9.30	93	20599	4.885	ug/l	97
47) Bromodichloromethane	9.50	83	47000	4.771	ug/l	98
48) Methyl methacrylate	9.29	41	24447	4.382	ug/l	96
49) 1,4-Dioxane	9.29	88	4932	84.744	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	149710	22.856	ug/l	99
52) Toluene	10.24	92	93717	4.945	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	49657	4.692	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	60188	4.812	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	29501	4.816	ug/l	92
56) Ethyl methacrylate	10.51	69	37769	4.559	ug/l	100
57) 1,3-Dichloropropane	10.79	76	50909	4.736	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	101879	22.774	ug/l	100
59) 2-Hexanone	10.83	43	96485	21.621	ug/l	97
60) Dibromochloromethane	10.98	129	32448	4.688	ug/l	98
61) 1,2-Dibromoethane	11.09	107	27570	4.802	ug/l	98
64) Tetrachloroethene	10.72	164	40509	4.969	ug/l	97
65) Chlorobenzene	11.51	112	100757	4.975	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	34180	4.851	ug/l	100
67) Ethyl Benzene	11.59	91	175553	4.847	ug/l	94
68) m/p-Xylenes	11.70	106	133889	9.797	ug/l	100
69) o-Xylene	12.03	106	63535	4.928	ug/l	96
70) Styrene	12.04	104	100742	4.732	ug/l	99
71) Bromoform	12.20	173	19539	4.647	ug/l #	99
73) Isopropylbenzene	12.33	105	167733	4.847	ug/l	99
74) N-amyl acetate	12.14	43	47109	4.414	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	32867	4.673	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	27298m	5.335	ug/l	
77) Bromobenzene	12.61	156	40326	4.959	ug/l	96
78) n-propylbenzene	12.67	91	204650	4.845	ug/l	100
79) 2-Chlorotoluene	12.75	91	112648	4.851	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	137302	4.799	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	12073	4.630	ug/l	95
82) 4-Chlorotoluene	12.85	91	121781	4.924	ug/l	99
83) tert-Butylbenzene	13.07	119	116999	4.773	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	139049	4.822	ug/l	99
85) sec-Butylbenzene	13.25	105	170457	4.806	ug/l	99
86) p-Isopropyltoluene	13.37	119	151576	4.807	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	76929	4.880	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	79774	5.028	ug/l	95
89) n-Butylbenzene	13.69	91	150940	4.762	ug/l	99
90) Hexachloroethane	13.95	117	27307	4.765	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	70216	4.894	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	5345	4.619	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	47940	4.940	ug/l	99
94) Hexachlorobutadiene	15.11	225	27094	5.215	ug/l	95
95) Naphthalene	15.23	128	92694	4.581	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	42380	4.916	ug/l	99

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

