

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080322\
 Data File : VY009821.D
 Acq On : 03 Aug 2022 16:12
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY080322

Quant Time: Aug 04 02:28:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	51945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	81000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	75226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40101	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19980	46.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.680%
35) Dibromofluoromethane	7.710	113	22043	44.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.260%
50) Toluene-d8	10.179	98	64360	43.489	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	86.980%
62) 4-Bromofluorobenzene	12.477	95	31344	46.869	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	93.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22423	46.425	ug/l	98
3) Chloromethane	2.107	50	32555	43.351	ug/l	98
4) Vinyl Chloride	2.241	62	34490	43.803	ug/l	96
5) Bromomethane	2.637	94	24331	45.897	ug/l	98
6) Chloroethane	2.778	64	22139	43.218	ug/l	100
7) Trichlorofluoromethane	3.113	101	45337	43.189	ug/l	94
8) Diethyl Ether	3.521	74	14679	46.478	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	25377	44.191	ug/l	100
10) Methyl Iodide	4.076	142	30219	45.888	ug/l	99
11) Tert butyl alcohol	4.948	59	11685	211.853	ug/l	97
12) 1,1-Dichloroethene	3.857	96	23451	44.706	ug/l	98
13) Acrolein	3.716	56	1277	175.545	ug/l	93
14) Allyl chloride	4.460	41	40854	46.413	ug/l	99
15) Acrylonitrile	5.149	53	38278	228.303	ug/l	99
16) Acetone	3.936	43	42119	286.442	ug/l	99
17) Carbon Disulfide	4.180	76	70371	43.038	ug/l	99
18) Methyl Acetate	4.466	43	19195	43.755	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	66104	49.124	ug/l	97
20) Methylene Chloride	4.704	84	31871	46.525	ug/l	89
21) trans-1,2-Dichloroethene	5.198	96	26782	44.907	ug/l	93
22) Diisopropyl ether	6.100	45	91450	46.923	ug/l	93
23) Vinyl Acetate	6.045	43	303517	244.015	ug/l	98
24) 1,1-Dichloroethane	6.003	63	46738	44.308	ug/l	97
25) 2-Butanone	6.978	43	56974	236.880	ug/l	93
26) 2,2-Dichloropropane	6.972	77	42877	43.728	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	30628	45.985	ug/l	98
28) Bromochloromethane	7.319	49	19793	48.130	ug/l	100
29) Tetrahydrofuran	7.332	42	36441	235.240	ug/l	98
30) Chloroform	7.496	83	49020	44.410	ug/l	99
31) Cyclohexane	7.771	56	42902	43.649	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	43349	45.320	ug/l	99
36) 1,1-Dichloropropene	7.905	75	37855	46.202	ug/l	99
37) Ethyl Acetate	7.063	43	24215	45.374	ug/l	99
38) Carbon Tetrachloride	7.886	117	39844	46.238	ug/l	96
39) Methylcyclohexane	9.179	83	44591	46.910	ug/l	99
40) Benzene	8.155	78	111134	44.714	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	11439m	43.949	ug/l	
42) 1,2-Dichloroethane	8.228	62	32847	46.026	ug/l	99
43) Isopropyl Acetate	8.264	43	44144	47.474	ug/l	100
44) Trichloroethene	8.935	130	29446	44.455	ug/l	96
45) 1,2-Dichloropropane	9.209	63	28432	45.777	ug/l	99
46) Dibromomethane	9.301	93	16252	42.447	ug/l	98
47) Bromodichloromethane	9.490	83	38403	43.402	ug/l	95
48) Methyl methacrylate	9.289	41	19484	45.713	ug/l	95
49) 1,4-Dioxane	9.289	88	3720	780.459	ug/l	94
51) 4-Methyl-2-Pentanone	10.063	43	122529	233.609	ug/l	100
52) Toluene	10.240	92	69294	44.247	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	38950	44.911	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	44211	45.171	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	22607	44.067	ug/l	99
56) Ethyl methacrylate	10.508	69	30950	43.432	ug/l	99
57) 1,3-Dichloropropane	10.788	76	37941	43.547	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	76662	244.157	ug/l	100
59) 2-Hexanone	10.831	43	90246	248.331	ug/l	99
60) Dibromochloromethane	10.983	129	27168	44.285	ug/l	99
61) 1,2-Dibromoethane	11.087	107	21407	42.765	ug/l	99
64) Tetrachloroethene	10.715	164	28048	46.996	ug/l	97
65) Chlorobenzene	11.514	112	74501	45.589	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	27685	45.660	ug/l	100
67) Ethyl Benzene	11.587	91	133426	47.021	ug/l	98
68) m/p-Xylenes	11.697	106	104469	93.789	ug/l	99
69) o-Xylene	12.026	106	49242	49.475	ug/l	97
70) Styrene	12.044	104	85011	45.758	ug/l	99
71) Bromoform	12.203	173	17168	47.218	ug/l #	100
73) Isopropylbenzene	12.325	105	130412	46.821	ug/l	99
74) N-amyl acetate	12.142	43	43312	43.899	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	27676	44.086	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	19925m	43.436	ug/l	
77) Bromobenzene	12.605	156	30902	44.188	ug/l	99
78) n-propylbenzene	12.672	91	163944	46.650	ug/l	100
79) 2-Chlorotoluene	12.751	91	89123	45.543	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	110204	46.901	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	9979	46.688	ug/l	99
82) 4-Chlorotoluene	12.855	91	94182	45.627	ug/l	99
83) tert-Butylbenzene	13.074	119	95118	47.360	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	109928	47.454	ug/l	99
85) sec-Butylbenzene	13.251	105	148375	48.324	ug/l	100
86) p-Isopropyltoluene	13.367	119	123740	49.695	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	63322	46.081	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	65523	46.845	ug/l	99
89) n-Butylbenzene	13.696	91	123427	50.616	ug/l	100
90) Hexachloroethane	13.958	117	24595	45.988	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	60348	47.982	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4435	45.071	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	35313	50.609	ug/l	99
94) Hexachlorobutadiene	15.111	225	19465	47.624	ug/l	98
95) Naphthalene	15.233	128	71556	45.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	29109	47.164	ug/l	99

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

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