

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
 Data File : VY010690.D
 Acq On : 27 Sep 2022 12:13
 Operator : KP/MD
 Sample : VY0927SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0927SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 01:24:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	233075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	380259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	340539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113211	50.783	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.560%		
35) Dibromofluoromethane	7.716	113	103311	42.571	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.140%		
50) Toluene-d8	10.179	98	408691	45.844	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.680%		
62) 4-Bromofluorobenzene	12.483	95	135732	40.250	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	80.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25165	19.807	ug/l	100
3) Chloromethane	2.113	50	42360	24.362	ug/l	96
4) Vinyl Chloride	2.247	62	48473	21.466	ug/l	99
5) Bromomethane	2.637	94	32714	20.555	ug/l	92
6) Chloroethane	2.784	64	32865	20.017	ug/l	99
7) Trichlorofluoromethane	3.119	101	62845	20.520	ug/l	94
8) Diethyl Ether	3.527	74	21610	20.580	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	38708	21.001	ug/l	93
10) Methyl Iodide	4.088	142	40603	19.069	ug/l	93
11) Tert butyl alcohol	4.948	59	30664	149.213	ug/l	97
12) 1,1-Dichloroethene	3.869	96	33904	20.600	ug/l	86
13) Acrolein	3.723	56	9851	94.991	ug/l	96
14) Allyl chloride	4.472	41	56832	22.904	ug/l #	94
15) Acrylonitrile	5.161	53	60481	110.973	ug/l	98
16) Acetone	3.942	43	52070	114.537	ug/l #	89
17) Carbon Disulfide	4.186	76	82821	23.322	ug/l	99
18) Methyl Acetate	4.466	43	35118	26.329	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	101175	19.718	ug/l	95
20) Methylene Chloride	4.710	84	65081	19.700	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	37883	20.454	ug/l	89
22) Diisopropyl ether	6.112	45	131463	22.445	ug/l #	96
23) Vinyl Acetate	6.057	43	368174	106.406	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	75665	21.524	ug/l	99
25) 2-Butanone	6.978	43	78087	109.814	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	69638	20.600	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	46335	20.081	ug/l	94
28) Bromochloromethane	7.332	49	19349	15.633	ug/l	92
29) Tetrahydrofuran	7.344	42	48252	110.480	ug/l	91
30) Chloroform	7.502	83	78793	20.717	ug/l	99
31) Cyclohexane	7.783	56	63066	23.265	ug/l #	90
32) 1,1,1-Trichloroethane	7.697	97	68939	20.367	ug/l	98
36) 1,1-Dichloropropene	7.911	75	55062	20.363	ug/l	98
37) Ethyl Acetate	7.069	43	33369	21.365	ug/l	96
38) Carbon Tetrachloride	7.899	117	60862	19.575	ug/l	97
39) Methylcyclohexane	9.179	83	63762	20.147	ug/l	92
40) Benzene	8.161	78	166409	20.644	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	15733m	19.750	ug/l	
42) 1,2-Dichloroethane	8.234	62	51141	20.603	ug/l	93
43) Isopropyl Acetate	8.271	43	58618	20.475	ug/l #	92
44) Trichloroethene	8.935	130	45273	19.619	ug/l	99
45) 1,2-Dichloropropane	9.215	63	43265	20.747	ug/l	93
46) Dibromomethane	9.301	93	24098	19.678	ug/l	95
47) Bromodichloromethane	9.496	83	59870	19.800	ug/l	98
48) Methyl methacrylate	9.289	41	26379	20.873	ug/l #	88
49) 1,4-Dioxane	9.295	88	6645	369.006	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	166708	103.140	ug/l	92
52) Toluene	10.240	92	105476	19.998	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	59680	19.519	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	67365	19.762	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	34975	19.417	ug/l	98
56) Ethyl methacrylate	10.508	69	44033	18.870	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	58516	19.612	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	91558	84.108	ug/l	96
59) 2-Hexanone	10.831	43	112612	102.791	ug/l	90
60) Dibromochloromethane	10.983	129	42017	19.061	ug/l	99
61) 1,2-Dibromoethane	11.087	107	32435	19.234	ug/l	99
64) Tetrachloroethene	10.721	164	42641	18.745	ug/l	97
65) Chlorobenzene	11.514	112	114088	19.375	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	43146	18.807	ug/l	98
67) Ethyl Benzene	11.593	91	201923	19.528	ug/l	99
68) m/p-Xylenes	11.703	106	156108	38.971	ug/l	95
69) o-Xylene	12.026	106	73642	18.856	ug/l	96
70) Styrene	12.044	104	127032	19.147	ug/l	96
71) Bromoform	12.209	173	26852	18.850	ug/l #	97
73) Isopropylbenzene	12.331	105	198249	19.236	ug/l	100
74) N-amyl acetate	12.142	43	48731	19.499	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	41833	19.920	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	31577m	19.840	ug/l	
77) Bromobenzene	12.605	156	46046	18.778	ug/l	99
78) n-propylbenzene	12.672	91	242122	19.723	ug/l	99
79) 2-Chlorotoluene	12.758	91	135761	19.409	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	170111	19.535	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14099	19.696	ug/l	92
82) 4-Chlorotoluene	12.855	91	140065	19.392	ug/l	98
83) tert-Butylbenzene	13.075	119	147305	18.915	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	168689	19.499	ug/l	98
85) sec-Butylbenzene	13.251	105	219489	19.244	ug/l	100
86) p-Isopropyltoluene	13.367	119	182167	19.112	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	93177	18.721	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	94582	19.201	ug/l	98
89) n-Butylbenzene	13.696	91	169392	19.359	ug/l	100
90) Hexachloroethane	13.959	117	36451	19.918	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	83558	18.846	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6813	19.441	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	46482	17.186	ug/l	99
94) Hexachlorobutadiene	15.111	225	28763	17.497	ug/l	99
95) Naphthalene	15.239	128	92096	16.899	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	40114	17.034	ug/l	98

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

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