

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
 Data File : VY010689.D
 Acq On : 27 Sep 2022 11:51
 Operator : KP/MD
 Sample : VY0927SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 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 01:24:22 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	7.789	168	229095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	336347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	109542	49.991	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.980%		
35) Dibromofluoromethane	7.716	113	102185	42.854	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.700%		
50) Toluene-d8	10.179	98	406180	46.335	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.660%		
62) 4-Bromofluorobenzene	12.477	95	133676	40.351	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	80.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25682	20.840	ug/l	100
3) Chloromethane	2.113	50	41141	24.013	ug/l	99
4) Vinyl Chloride	2.247	62	47838	21.567	ug/l	99
5) Bromomethane	2.638	94	31979	20.413	ug/l	96
6) Chloroethane	2.784	64	32777	20.310	ug/l	99
7) Trichlorofluoromethane	3.119	101	62609	20.799	ug/l	91
8) Diethyl Ether	3.522	74	21008	20.354	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.887	101	37889	20.914	ug/l	95
10) Methyl Iodide	4.082	142	38813	18.545	ug/l	93
11) Tert butyl alcohol	4.942	59	25890	126.523	ug/l	99
12) 1,1-Dichloroethene	3.863	96	32665	20.192	ug/l	89
13) Acrolein	3.723	56	9623	94.405	ug/l	99
14) Allyl chloride	4.473	41	54419	22.313	ug/l #	93
15) Acrylonitrile	5.161	53	56608	105.671	ug/l	99
16) Acetone	3.942	43	50161	112.255	ug/l #	85
17) Carbon Disulfide	4.186	76	82336	23.648	ug/l	98
18) Methyl Acetate	4.473	43	33849	25.777	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	98030	19.437	ug/l	96
20) Methylene Chloride	4.710	84	59958	17.490	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	37718	20.719	ug/l	87
22) Diisopropyl ether	6.113	45	126835	22.031	ug/l	95
23) Vinyl Acetate	6.058	43	353142	103.834	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	74508	21.563	ug/l	98
25) 2-Butanone	6.978	43	74811	107.034	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	68113	20.499	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	45557	20.087	ug/l	92
28) Bromochloromethane	7.326	49	19055	15.653	ug/l	92
29) Tetrahydrofuran	7.344	42	45884	106.884	ug/l	90
30) Chloroform	7.503	83	77584	20.754	ug/l	99
31) Cyclohexane	7.777	56	61986	23.264	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	68307	20.531	ug/l	98
36) 1,1-Dichloropropene	7.911	75	55411	20.856	ug/l	99
37) Ethyl Acetate	7.070	43	32157	20.955	ug/l	96
38) Carbon Tetrachloride	7.893	117	60743	19.884	ug/l	98
39) Methylcyclohexane	9.179	83	61950	19.922	ug/l	92
40) Benzene	8.155	78	161647	20.409	ug/l	98

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41) Methacrylonitrile	7.307	41	17988m	22.981	ug/l	
42) 1,2-Dichloroethane	8.234	62	49773	20.407	ug/l	93
43) Isopropyl Acetate	8.271	43	56022	19.916	ug/l #	92
44) Trichloroethene	8.935	130	43844	19.337	ug/l	95
45) 1,2-Dichloropropane	9.216	63	41910	20.454	ug/l	95
46) Dibromomethane	9.301	93	23442	19.482	ug/l	96
47) Bromodichloromethane	9.496	83	59094	19.890	ug/l	95
48) Methyl methacrylate	9.289	41	25279	20.358	ug/l #	87
49) 1,4-Dioxane	9.295	88	6231	352.154	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	159895	100.680	ug/l	93
52) Toluene	10.240	92	102965	19.868	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	58241	19.387	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	66172	19.757	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	35066	19.813	ug/l	99
56) Ethyl methacrylate	10.508	69	41565	18.128	ug/l #	83
57) 1,3-Dichloropropane	10.789	76	58392	19.917	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	89905	84.067	ug/l	96
59) 2-Hexanone	10.831	43	107659	100.013	ug/l	91
60) Dibromochloromethane	10.984	129	41129	18.989	ug/l	100
61) 1,2-Dibromoethane	11.087	107	31470	18.993	ug/l	100
64) Tetrachloroethene	10.715	164	42596	18.958	ug/l	98
65) Chlorobenzene	11.514	112	112000	19.257	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	42197	18.623	ug/l	97
67) Ethyl Benzene	11.593	91	196669	19.256	ug/l	100
68) m/p-Xylenes	11.703	106	153718	38.852	ug/l	95
69) o-Xylene	12.026	106	72418	18.774	ug/l	94
70) Styrene	12.044	104	122597	18.709	ug/l	96
71) Bromoform	12.203	173	26281	18.679	ug/l #	99
73) Isopropylbenzene	12.331	105	195265	19.272	ug/l	100
74) N-amyl acetate	12.142	43	47058	19.153	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	40680	19.703	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	29463m	18.830	ug/l	
77) Bromobenzene	12.605	156	45607	18.918	ug/l	96
78) n-propylbenzene	12.672	91	239146	19.816	ug/l	99
79) 2-Chlorotoluene	12.758	91	132911	19.328	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	168259	19.654	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	13622	19.357	ug/l	89
82) 4-Chlorotoluene	12.855	91	138689	19.531	ug/l	99
83) tert-Butylbenzene	13.075	119	144584	18.884	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	169101	19.883	ug/l	99
85) sec-Butylbenzene	13.251	105	217947	19.437	ug/l	100
86) p-Isopropyltoluene	13.367	119	178745	19.075	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	93328	19.074	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	92015	19.000	ug/l	98
89) n-Butylbenzene	13.697	91	167758	19.502	ug/l	99
90) Hexachloroethane	13.959	117	36063	20.045	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	81711	18.746	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6327	18.364	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	46781	17.594	ug/l	99
94) Hexachlorobutadiene	15.111	225	30196	18.685	ug/l	99
95) Naphthalene	15.233	128	90175	16.831	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	39952	17.256	ug/l	98

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

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