

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015820.D
 Acq On : 04 Oct 2023 09:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023
 Supervised By :Semsettin Yesilyurt 10/06/2023

Quant Time: Oct 04 15:54:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	208792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	341997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	308235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95086	41.390	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.780%		
35) Dibromofluoromethane	7.716	113	88523	43.246	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.500%		
50) Toluene-d8	10.179	98	307689	44.332	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.660%		
62) 4-Bromofluorobenzene	12.483	95	122801	45.086	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	71655	52.064	ug/l	98
3) Chloromethane	2.107	50	83824	48.278	ug/l	99
4) Vinyl Chloride	2.247	62	106594	53.694	ug/l	95
5) Bromomethane	2.644	94	70909	41.217	ug/l	99
6) Chloroethane	2.784	64	81413	55.329	ug/l	98
7) Trichlorofluoromethane	3.113	101	187079	56.192	ug/l	100
8) Diethyl Ether	3.528	74	72688	51.197	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	116670	55.969	ug/l	97
10) Methyl Iodide	4.082	142	121967	49.770	ug/l	97
11) Tert butyl alcohol	4.979	59	132920	281.577	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	98163	53.440	ug/l	94
13) Acrolein	3.729	56	68499	194.696	ug/l	100
14) Allyl chloride	4.473	41	171594	51.093	ug/l	94
15) Acrylonitrile	5.161	53	271379	260.559	ug/l	98
16) Acetone	3.954	43	281964	229.349	ug/l	93
17) Carbon Disulfide	4.186	76	168263	47.153	ug/l	100
18) Methyl Acetate	4.479	43	295507	71.639	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	411140	54.955	ug/l	99
20) Methylene Chloride	4.710	84	137832	51.321	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	111166	52.947	ug/l	95
22) Diisopropyl ether	6.119	45	421308	52.126	ug/l	91
23) Vinyl Acetate	6.058	43	1090066	218.503	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	232881	52.862	ug/l	97
25) 2-Butanone	6.984	43	421312	242.450	ug/l	96
26) 2,2-Dichloropropane	6.978	77	206915	51.387	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	149086	53.487	ug/l	94
28) Bromochloromethane	7.326	49	57183	47.842	ug/l	95
29) Tetrahydrofuran	7.350	42	261859	266.610	ug/l	92
30) Chloroform	7.502	83	253366	53.704	ug/l	95
31) Cyclohexane	7.783	56	158461	49.792	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	221573	56.891	ug/l	99
36) 1,1-Dichloropropene	7.911	75	166467	55.001	ug/l	99
37) Ethyl Acetate	7.076	43	145069	48.053	ug/l	95
38) Carbon Tetrachloride	7.899	117	193913	59.025	ug/l	98
39) Methylcyclohexane	9.185	83	188893	56.427	ug/l	91
40) Benzene	8.155	78	500173	54.191	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	94660m	58.234	ug/l	
42) 1,2-Dichloroethane	8.234	62	173260	54.811	ug/l	95
43) Isopropyl Acetate	8.271	43	263263	51.051	ug/l	97
44) Trichloroethene	8.941	130	143753	55.764	ug/l	97
45) 1,2-Dichloropropane	9.216	63	140061	54.416	ug/l	98
46) Dibromomethane	9.307	93	92547	56.210	ug/l	94
47) Bromodichloromethane	9.496	83	207487	56.538	ug/l	99
48) Methyl methacrylate	9.289	41	128924	56.957	ug/l	93
49) 1,4-Dioxane	9.313	88	39941	1227.929	ug/l #	56
51) 4-Methyl-2-Pentanone	10.069	43	893257	279.465	ug/l	92
52) Toluene	10.246	92	327154	54.981	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	216972	55.132	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	229672	54.216	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	133456	55.311	ug/l	96
56) Ethyl methacrylate	10.508	69	201592	56.694	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	219850	54.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	253278	224.245	ug/l	93
59) 2-Hexanone	10.831	43	679156	276.952	ug/l	90
60) Dibromochloromethane	10.984	129	160737	57.068	ug/l	100
61) 1,2-Dibromoethane	11.087	107	129080	54.684	ug/l	99
64) Tetrachloroethene	10.721	164	155561	58.823	ug/l	97
65) Chlorobenzene	11.514	112	375750	55.847	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	152456	58.334	ug/l	98
67) Ethyl Benzene	11.593	91	664551	56.510	ug/l	99
68) m/p-Xylenes	11.703	106	505842	113.168	ug/l	96
69) o-Xylene	12.026	106	252051	57.507	ug/l	97
70) Styrene	12.044	104	435301	58.021	ug/l	97
71) Bromoform	12.209	173	115564	61.020	ug/l #	99
73) Isopropylbenzene	12.331	105	681671	59.994	ug/l	100
74) N-amyl acetate	12.142	43	227484	53.269	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	184106	58.221	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	150757m	62.391	ug/l	
77) Bromobenzene	12.611	156	161408	57.872	ug/l	94
78) n-propylbenzene	12.672	91	805155	58.329	ug/l	100
79) 2-Chlorotoluene	12.758	91	457944	58.201	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	562077	59.091	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	64252	59.880	ug/l	93
82) 4-Chlorotoluene	12.855	91	467315	56.893	ug/l	99
83) tert-Butylbenzene	13.075	119	509387	61.143	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	555639	58.381	ug/l	98
85) sec-Butylbenzene	13.251	105	747897	59.987	ug/l	100
86) p-Isopropyltoluene	13.367	119	617436	59.286	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	318886	57.632	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	315004	56.923	ug/l	99
89) n-Butylbenzene	13.696	91	557323	56.513	ug/l	97
90) Hexachloroethane	13.959	117	121598	60.497	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	296538	58.056	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	37561	59.807	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	182982	56.905	ug/l	98
94) Hexachlorobutadiene	15.111	225	95304	57.876	ug/l	98
95) Naphthalene	15.233	128	515545	61.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	170491	57.445	ug/l	99

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

