

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061522\
 Data File : VY009185.D
 Acq On : 15 Jun 2022 14:26
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022

Quant Time: Jun 16 02:24:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:21:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	173627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	281147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36585	19.597	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.200%	#	
35) Dibromofluoromethane	7.703	113	35446	19.504	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.000%	#	
50) Toluene-d8	10.172	98	135972	19.916	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	39.840%	#	
62) 4-Bromofluorobenzene	12.477	95	49549	19.628	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	39.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	27544	18.268	ug/l	98
3) Chloromethane	2.107	50	35513	16.646	ug/l	99
4) Vinyl Chloride	2.241	62	35678	11.640	ug/l	93
5) Bromomethane	2.631	94	23913	7.926	ug/l	100
6) Chloroethane	2.777	64	21717	9.998	ug/l	95
7) Trichlorofluoromethane	3.113	101	53993	19.223	ug/l	84
8) Diethyl Ether	3.521	74	20567	22.394	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	33001	19.087	ug/l	97
10) Methyl Iodide	4.082	142	42793	23.307	ug/l #	88
11) Tert butyl alcohol	4.929	59	37768	203.795	ug/l #	93
12) 1,1-Dichloroethene	3.862	96	32325	19.857	ug/l	84
13) Acrolein	3.722	56	7613	123.188	ug/l	99
14) Allyl chloride	4.466	41	58129	22.868	ug/l	92
15) Acrylonitrile	5.149	53	56668	110.771	ug/l	97
16) Acetone	3.942	43	44517	116.942	ug/l	94
17) Carbon Disulfide	4.179	76	97832	18.772	ug/l	100
18) Methyl Acetate	4.472	43	29176	24.759	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	99325	20.239	ug/l	98
20) Methylene Chloride	4.704	84	44532	16.387	ug/l	84
21) trans-1,2-Dichloroethene	5.210	96	37752	18.109	ug/l	91
22) Diisopropyl ether	6.112	45	128024	21.527	ug/l	93
23) Vinyl Acetate	6.051	43	408954	104.523	ug/l	96
24) 1,1-Dichloroethane	6.008	63	69296	19.654	ug/l	97
25) 2-Butanone	6.978	43	73725	109.891	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	61266	19.050	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	44467	18.943	ug/l	90
28) Bromochloromethane	7.331	49	29082	22.810	ug/l	93
29) Tetrahydrofuran	7.337	42	49940	109.718	ug/l	94
30) Chloroform	7.502	83	70377	18.638	ug/l	97
31) Cyclohexane	7.776	56	64990	18.810	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	61306	18.042	ug/l	97
36) 1,1-Dichloropropene	7.911	75	54025	18.369	ug/l	97
37) Ethyl Acetate	7.063	43	35670	22.919	ug/l #	95
38) Carbon Tetrachloride	7.886	117	56149	18.341	ug/l	91
39) Methylcyclohexane	9.179	83	67701	18.118	ug/l	93
40) Benzene	8.148	78	161123	19.045	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	17882	22.237	ug/l #	41
42) 1,2-Dichloroethane	8.234	62	46451	18.747	ug/l	92
43) Isopropyl Acetate	8.264	43	62236	21.652	ug/l #	92
44) Trichloroethene	8.935	130	45757	20.184	ug/l	99
45) 1,2-Dichloropropane	9.209	63	41599	20.311	ug/l	95
46) Dibromomethane	9.301	93	23801	18.554	ug/l	98
47) Bromodichloromethane	9.490	83	54988	18.634	ug/l	98
48) Methyl methacrylate	9.282	41	27701	21.584	ug/l	91
49) 1,4-Dioxane	9.294	88	6867	395.067	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	169145	108.063	ug/l	94
52) Toluene	10.239	92	104544	18.100	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	57914	18.656	ug/l	100
54) cis-1,3-Dichloropropene	9.922	75	64787	19.120	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	33367	18.590	ug/l	95
56) Ethyl methacrylate	10.508	69	46884	20.357	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	58194	19.769	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	99098	100.086	ug/l	97
59) 2-Hexanone	10.831	43	115283	108.191	ug/l	91
60) Dibromochloromethane	10.977	129	40436	18.635	ug/l	99
61) 1,2-Dibromoethane	11.087	107	32725	18.468	ug/l	98
64) Tetrachloroethene	10.715	164	48847	24.878	ug/l	98
65) Chlorobenzene	11.514	112	113018	19.392	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	40286	18.950	ug/l	95
67) Ethyl Benzene	11.587	91	196772	18.976	ug/l	95
68) m/p-Xylenes	11.696	106	156888	37.781	ug/l	92
69) o-Xylene	12.026	106	74308	19.155	ug/l	92
70) Styrene	12.038	104	122944	18.676	ug/l	96
71) Bromoform	12.202	173	25727	18.520	ug/l #	100
73) Isopropylbenzene	12.324	105	194344	19.966	ug/l	100
74) N-amyl acetate	12.141	43	54912	23.811	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.580	83	39170	19.631	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	28587m	19.978	ug/l	
77) Bromobenzene	12.605	156	48442	21.187	ug/l	92
78) n-propylbenzene	12.666	91	239454	20.065	ug/l	98
79) 2-Chlorotoluene	12.751	91	134198	20.726	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	165004	20.431	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	13962	20.378	ug/l	89
82) 4-Chlorotoluene	12.855	91	137586	20.148	ug/l	97
83) tert-Butylbenzene	13.074	119	140289	19.507	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	161985	20.251	ug/l	96
85) sec-Butylbenzene	13.251	105	212580	19.581	ug/l	99
86) p-Isopropyltoluene	13.367	119	178830	19.786	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	92900	19.656	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	93380	19.603	ug/l	98
89) n-Butylbenzene	13.696	91	168052	20.155	ug/l	98
90) Hexachloroethane	13.958	117	33349	19.493	ug/l	87
91) 1,2-Dichlorobenzene	13.733	146	83867	19.886	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.354	75	6987	21.954	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	51438	21.380	ug/l	99
94) Hexachlorobutadiene	15.110	225	28404	21.692	ug/l	99
95) Naphthalene	15.232	128	110321	22.677	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	46161	22.010	ug/l	99

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

