

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009258.D
 Acq On : 21 Jun 2022 16:01
 Operator : KP/MD
 Sample : VY0621SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0621SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Jun 22 06:16:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	172880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	286721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	89911	47.354	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.700%
35) Dibromofluoromethane	7.710	113	88664	47.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.500%
50) Toluene-d8	10.173	98	342958	48.080	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.160%
62) 4-Bromofluorobenzene	12.477	95	125372	50.018	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.040%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	25217	19.908	ug/l	98
3) Chloromethane	2.107	50	33050	21.260	ug/l	96
4) Vinyl Chloride	2.241	62	36077	20.894	ug/l	99
5) Bromomethane	2.625	94	25024	20.783	ug/l	99
6) Chloroethane	2.778	64	22345	19.437	ug/l	96
7) Trichlorofluoromethane	3.113	101	55064	20.090	ug/l	85
8) Diethyl Ether	3.522	74	20147	20.017	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	35570	20.410	ug/l	96
10) Methyl Iodide	4.082	142	38070	17.887	ug/l	89
11) Tert butyl alcohol	4.924	59	33020	114.824	ug/l	96
12) 1,1-Dichloroethene	3.857	96	33086	19.977	ug/l	85
13) Acrolein	3.723	56	5545	80.469	ug/l	97
14) Allyl chloride	4.473	41	62621	21.049	ug/l	92
15) Acrylonitrile	5.149	53	54756	97.556	ug/l	98
16) Acetone	3.936	43	42460	90.510	ug/l #	86
17) Carbon Disulfide	4.180	76	94801	20.605	ug/l	97
18) Methyl Acetate	4.473	43	29980	20.523	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	98920	19.870	ug/l	97
20) Methylene Chloride	4.704	84	61069	22.409	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	39869	20.312	ug/l	88
22) Diisopropyl ether	6.113	45	131533	21.032	ug/l	96
23) Vinyl Acetate	6.052	43	399794	104.120	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	72929	20.601	ug/l	97
25) 2-Butanone	6.978	43	72524	95.731	ug/l	91
26) 2,2-Dichloropropane	6.972	77	64058	19.247	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	47361	20.582	ug/l	91
28) Bromochloromethane	7.326	49	29863	19.551	ug/l #	94
29) Tetrahydrofuran	7.344	42	48692	101.492	ug/l	93
30) Chloroform	7.496	83	73626	20.204	ug/l	99
31) Cyclohexane	7.777	56	67590	20.507	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	64196	20.179	ug/l	98
36) 1,1-Dichloropropene	7.911	75	57218	20.248	ug/l	98
37) Ethyl Acetate	7.064	43	33483	19.594	ug/l #	94
38) Carbon Tetrachloride	7.899	117	57626	19.612	ug/l	97
39) Methylcyclohexane	9.179	83	70478	20.326	ug/l	94
40) Benzene	8.155	78	168104	20.108	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.307	41	17121	18.071	ug/l	#	50
42) 1,2-Dichloroethane	8.228	62	47643	19.861	ug/l		91
43) Isopropyl Acetate	8.265	43	60462	19.308	ug/l		92
44) Trichloroethene	8.935	130	46231	19.637	ug/l		97
45) 1,2-Dichloropropane	9.210	63	43027	19.978	ug/l		93
46) Dibromomethane	9.301	93	24346	19.879	ug/l		97
47) Bromodichloromethane	9.490	83	55584	19.112	ug/l		94
48) Methyl methacrylate	9.289	41	26236	19.115	ug/l	#	89
49) 1,4-Dioxane	9.295	88	6814	387.171	ug/l	#	92
51) 4-Methyl-2-Pentanone	10.063	43	161537	99.178	ug/l		93
52) Toluene	10.240	92	109833	20.784	ug/l		94
53) t-1,3-Dichloropropene	10.459	75	59654	19.727	ug/l		95
54) cis-1,3-Dichloropropene	9.923	75	67967	19.747	ug/l	#	89
55) 1,1,2-Trichloroethane	10.642	97	34759	20.220	ug/l		99
56) Ethyl methacrylate	10.508	69	45907	20.187	ug/l	#	81
57) 1,3-Dichloropropane	10.789	76	57699	19.615	ug/l		95
58) 2-Chloroethyl Vinyl ether	9.776	63	94925	97.302	ug/l		97
59) 2-Hexanone	10.831	43	106798	96.888	ug/l		90
60) Dibromochloromethane	10.984	129	42095	20.078	ug/l		100
61) 1,2-Dibromoethane	11.081	107	32916	19.638	ug/l		99
64) Tetrachloroethene	10.715	164	50027	19.929	ug/l		96
65) Chlorobenzene	11.514	112	118174	20.162	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.587	131	43482	20.290	ug/l		96
67) Ethyl Benzene	11.587	91	206488	20.328	ug/l		98
68) m/p-Xylenes	11.697	106	162377	40.738	ug/l		93
69) o-Xylene	12.026	106	79651	21.013	ug/l		88
70) Styrene	12.038	104	125638	19.987	ug/l		96
71) Bromoform	12.203	173	25889	19.545	ug/l	#	99
73) Isopropylbenzene	12.325	105	206157	20.412	ug/l		99
74) N-amyl acetate	12.142	43	51190	18.974	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	38215	19.886	ug/l		99
76) 1,2,3-Trichloropropane	12.630	75	27913m	18.494	ug/l		
77) Bromobenzene	12.605	156	47883	19.518	ug/l		96
78) n-propylbenzene	12.666	91	250315	20.569	ug/l		98
79) 2-Chlorotoluene	12.752	91	139601	20.366	ug/l		98
80) 1,3,5-Trimethylbenzene	12.813	105	172704	20.598	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.374	75	14156	19.886	ug/l		85
82) 4-Chlorotoluene	12.855	91	143698	20.099	ug/l		98
83) tert-Butylbenzene	13.075	119	150007	20.514	ug/l		94
84) 1,2,4-Trimethylbenzene	13.117	105	168347	20.489	ug/l		98
85) sec-Butylbenzene	13.251	105	225691	20.618	ug/l		99
86) p-Isopropyltoluene	13.367	119	185750	20.417	ug/l		98
87) 1,3-Dichlorobenzene	13.361	146	95325	20.102	ug/l		100
88) 1,4-Dichlorobenzene	13.447	146	95110	19.990	ug/l		98
89) n-Butylbenzene	13.697	91	175185	20.677	ug/l		98
90) Hexachloroethane	13.959	117	35987	20.853	ug/l		86
91) 1,2-Dichlorobenzene	13.739	146	86799	20.373	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6688	19.539	ug/l		89
93) 1,2,4-Trichlorobenzene	15.007	180	52509	20.145	ug/l		99
94) Hexachlorobutadiene	15.111	225	28798	20.535	ug/l		97
95) Naphthalene	15.233	128	101809	19.470	ug/l		98
96) 1,2,3-Trichlorobenzene	15.422	180	45821	20.568	ug/l		97

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 Supervised By :Semsettin
 Yesilyurt

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

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