

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009433.D
 Acq On : 05 Jul 2022 13:32
 Operator : KP/MD
 Sample : VY0705SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0705SBS02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/06/2022
 Supervised By :Mahesh Dadoda 07/06/2022

Quant Time: Jul 06 04:48:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	133468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	198249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54909	51.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.720%	
35) Dibromofluoromethane	7.710	113	60431	51.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.680%	
50) Toluene-d8	10.173	98	186884	52.286	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 104.580%	
62) 4-Bromofluorobenzene	12.477	95	90756	53.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 107.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	24004	21.846	ug/l	100
3) Chloromethane	2.107	50	22860	19.120	ug/l	93
4) Vinyl Chloride	2.241	62	28715	20.762	ug/l	97
5) Bromomethane	2.625	94	21720	24.474	ug/l	97
6) Chloroethane	2.778	64	17365	23.548	ug/l	97
7) Trichlorofluoromethane	3.113	101	41867	22.817	ug/l	92
8) Diethyl Ether	3.521	74	11847	16.524	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.887	101	27794	21.131	ug/l	96
10) Methyl Iodide	4.076	142	31162	21.583	ug/l	91
11) Tert butyl alcohol	4.942	59	16705	57.806	ug/l	97
12) 1,1-Dichloroethene	3.857	96	24190	20.162	ug/l	87
13) Acrolein	3.716	56	5887	65.981	ug/l	96
14) Allyl chloride	4.472	41	44207	20.108	ug/l	94
15) Acrylonitrile	5.161	53	41635	102.512	ug/l	99
16) Acetone	3.942	43	33727	96.064	ug/l	97
17) Carbon Disulfide	4.180	76	60063	17.997	ug/l	98
18) Methyl Acetate	4.466	43	21895	21.498	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	74770	20.780	ug/l	99
20) Methylene Chloride	4.704	84	40253	20.936	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	27882	19.411	ug/l	89
22) Diisopropyl ether	6.112	45	102306	22.051	ug/l #	97
23) Vinyl Acetate	6.051	43	312933	107.672	ug/l	97
24) 1,1-Dichloroethane	6.009	63	55605	21.317	ug/l	98
25) 2-Butanone	6.978	43	56769	101.991	ug/l	95
26) 2,2-Dichloropropane	6.972	77	50070	20.281	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	34660	20.770	ug/l	91
28) Bromochloromethane	7.326	49	21048	18.792	ug/l #	89
29) Tetrahydrofuran	7.344	42	38480	107.832	ug/l	98
30) Chloroform	7.496	83	57322	21.381	ug/l	99
31) Cyclohexane	7.777	56	46207	19.217	ug/l #	86
32) 1,1,1-Trichloroethane	7.697	97	50471	21.023	ug/l	96
36) 1,1-Dichloropropene	7.911	75	41055	20.141	ug/l	96
37) Ethyl Acetate	7.069	43	27071	22.395	ug/l	98
38) Carbon Tetrachloride	7.893	117	46356	21.758	ug/l	98
39) Methylcyclohexane	9.179	83	48059	19.921	ug/l	92
40) Benzene	8.155	78	123607	20.736	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	13570	19.871	ug/l #	51
42) 1,2-Dichloroethane	8.228	62	36464	21.325	ug/l	92
43) Isopropyl Acetate	8.264	43	49309	22.218	ug/l	96
44) Trichloroethene	8.935	130	35963	21.713	ug/l	96
45) 1,2-Dichloropropane	9.209	63	32699	21.656	ug/l	100
46) Dibromomethane	9.301	93	18134	20.964	ug/l	96
47) Bromodichloromethane	9.490	83	44473	21.710	ug/l	98
48) Methyl methacrylate	9.289	41	20847	21.789	ug/l #	89
49) 1,4-Dioxane	9.289	88	5194	430.756	ug/l	89
51) 4-Methyl-2-Pentanone	10.063	43	132374	115.683	ug/l	97
52) Toluene	10.240	92	82137	21.840	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	44664	21.796	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	50439	20.615	ug/l	91
55) 1,1,2-Trichloroethane	10.636	97	26188	22.755	ug/l	94
56) Ethyl methacrylate	10.508	69	34377	23.402	ug/l	89
57) 1,3-Dichloropropane	10.782	76	45060	22.102	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	84561	103.969	ug/l	99
59) 2-Hexanone	10.825	43	90963	115.077	ug/l	96
60) Dibromochloromethane	10.983	129	31662	21.739	ug/l	99
61) 1,2-Dibromoethane	11.081	107	24360	21.083	ug/l	96
64) Tetrachloroethene	10.715	164	38527	20.874	ug/l	91
65) Chlorobenzene	11.514	112	90270	21.280	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	34282	22.032	ug/l	97
67) Ethyl Benzene	11.587	91	158008	21.472	ug/l	100
68) m/p-Xylenes	11.697	106	124446	42.292	ug/l	92
69) o-Xylene	12.026	106	57125	20.572	ug/l	95
70) Styrene	12.038	104	100062	21.749	ug/l	94
71) Bromoform	12.203	173	20551	21.020	ug/l #	99
73) Isopropylbenzene	12.325	105	157938	20.050	ug/l	98
74) N-amyl acetate	12.142	43	43613	21.108	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	30770	20.166	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	25491m	20.411	ug/l	
77) Bromobenzene	12.605	156	37156	19.788	ug/l	96
78) n-propylbenzene	12.666	91	197520	20.614	ug/l	98
79) 2-Chlorotoluene	12.751	91	110899	20.504	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	134174	20.369	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	10918	19.464	ug/l	91
82) 4-Chlorotoluene	12.849	91	113850	20.256	ug/l	96
83) tert-Butylbenzene	13.075	119	119486	21.590	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	133880	21.388	ug/l	97
85) sec-Butylbenzene	13.251	105	177150	21.252	ug/l	97
86) p-Isopropyltoluene	13.367	119	149471	21.324	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	77523	20.897	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	77553	20.316	ug/l	98
89) n-Butylbenzene	13.690	91	139181	21.132	ug/l	99
90) Hexachloroethane	13.958	117	28548	20.542	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	70869	21.063	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	4973	19.447	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	40981	20.519	ug/l	96
94) Hexachlorobutadiene	15.111	225	23331	20.809	ug/l	97
95) Naphthalene	15.233	128	77275	19.324	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	34285	19.759	ug/l	98

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

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