

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009413.D
 Acq On : 01 Jul 2022 11:04
 Operator : KP/MD
 Sample : VY0701SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Quant Time: Jul 01 15:33:02 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/05/2022
 Supervised By :Semsettin Yesilyurt 07/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	128659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	202241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50513	49.018	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.040%		
35) Dibromofluoromethane	7.710	113	54866	49.292	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.580%		
50) Toluene-d8	10.173	98	169609	49.699	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.400%		
62) 4-Bromofluorobenzene	12.477	95	82633	51.054	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	20752	19.592	ug/l	98
3) Chloromethane	2.107	50	21262	18.449	ug/l	97
4) Vinyl Chloride	2.241	62	27033	20.276	ug/l	100
5) Bromomethane	2.631	94	19861	23.215	ug/l	97
6) Chloroethane	2.784	64	16206	22.798	ug/l	98
7) Trichlorofluoromethane	3.113	101	38601	21.823	ug/l	95
8) Diethyl Ether	3.521	74	12837	18.575	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.881	101	24344	19.200	ug/l	97
10) Methyl Iodide	4.076	142	25172	18.086	ug/l	92
11) Tert butyl alcohol	4.930	59	25799	131.419	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	21154	18.291	ug/l	83
13) Acrolein	3.723	56	7863	91.422	ug/l	99
14) Allyl chloride	4.472	41	38184	18.018	ug/l	96
15) Acrylonitrile	5.155	53	35948	91.818	ug/l	99
16) Acetone	3.942	43	31510	93.104	ug/l	93
17) Carbon Disulfide	4.180	76	53417	16.604	ug/l	99
18) Methyl Acetate	4.466	43	19109	18.986	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	65808	18.973	ug/l	95
20) Methylene Chloride	4.698	84	28573	13.190	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	25646	18.521	ug/l	87
22) Diisopropyl ether	6.112	45	91068	20.363	ug/l	95
23) Vinyl Acetate	6.051	43	274768	98.074	ug/l	95
24) 1,1-Dichloroethane	6.003	63	48981	19.480	ug/l	98
25) 2-Butanone	6.978	43	51728	96.408	ug/l	100
26) 2,2-Dichloropropane	6.972	77	46848	19.685	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	30973	19.254	ug/l	93
28) Bromochloromethane	7.319	49	20548	19.031	ug/l	92
29) Tetrahydrofuran	7.338	42	33067	96.126	ug/l	96
30) Chloroform	7.496	83	49527	19.164	ug/l	92
31) Cyclohexane	7.777	56	42201	18.207	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	45635	19.719	ug/l	98
36) 1,1-Dichloropropene	7.911	75	37264	19.147	ug/l	98
37) Ethyl Acetate	7.063	43	23010	19.936	ug/l	97
38) Carbon Tetrachloride	7.892	117	41358	20.331	ug/l	96
39) Methylcyclohexane	9.179	83	42425	18.418	ug/l	93
40) Benzene	8.155	78	113873	20.007	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	9705	14.884	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	32949	20.181	ug/l	94
43) Isopropyl Acetate	8.270	43	42891	20.241	ug/l	96
44) Trichloroethene	8.935	130	31417	19.866	ug/l	99
45) 1,2-Dichloropropane	9.209	63	28639	19.865	ug/l	95
46) Dibromomethane	9.301	93	16862	20.416	ug/l	96
47) Bromodichloromethane	9.496	83	39098	19.990	ug/l	100
48) Methyl methacrylate	9.289	41	18565	20.323	ug/l	91
49) 1,4-Dioxane	9.301	88	4319	375.144	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	116458	106.591	ug/l	98
52) Toluene	10.240	92	74230	20.672	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	40484	20.692	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	45533	19.491	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	23345	21.245	ug/l	97
56) Ethyl methacrylate	10.508	69	30302	21.604	ug/l	88
57) 1,3-Dichloropropane	10.788	76	38972	20.021	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	74582	96.040	ug/l	97
59) 2-Hexanone	10.825	43	79759	105.679	ug/l	96
60) Dibromochloromethane	10.977	129	29016	20.866	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22653	20.534	ug/l	97
64) Tetrachloroethene	10.715	164	34624	19.358	ug/l	99
65) Chlorobenzene	11.514	112	81932	19.931	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	30228	20.047	ug/l	95
67) Ethyl Benzene	11.587	91	143076	20.063	ug/l	100
68) m/p-Xylenes	11.697	106	113375	39.760	ug/l	90
69) o-Xylene	12.026	106	52836	19.634	ug/l	91
70) Styrene	12.038	104	90286	20.250	ug/l	95
71) Bromoform	12.203	173	18042	19.043	ug/l #	99
73) Isopropylbenzene	12.325	105	141646	18.725	ug/l	100
74) N-amyl acetate	12.142	43	39225	19.768	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	27605	18.838	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	20187m	16.831	ug/l	
77) Bromobenzene	12.605	156	33594	18.629	ug/l	95
78) n-propylbenzene	12.666	91	174245	18.935	ug/l	98
79) 2-Chlorotoluene	12.751	91	96334	18.547	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	120216	19.003	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	10040	18.638	ug/l	85
82) 4-Chlorotoluene	12.849	91	103259	19.130	ug/l	95
83) tert-Butylbenzene	13.074	119	103874	19.544	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	120586	20.059	ug/l	97
85) sec-Butylbenzene	13.251	105	160047	19.993	ug/l	98
86) p-Isopropyltoluene	13.367	119	132961	19.751	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	69467	19.499	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	69920	19.072	ug/l	99
89) n-Butylbenzene	13.696	91	126096	19.936	ug/l	99
90) Hexachloroethane	13.958	117	26140	19.585	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	61455	19.019	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4654	18.950	ug/l	82
93) 1,2,4-Trichlorobenzene	15.001	180	34774	18.130	ug/l	100
94) Hexachlorobutadiene	15.111	225	20722	19.245	ug/l	98
95) Naphthalene	15.233	128	67649	17.616	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	30634	18.384	ug/l	99

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

