

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062822\
 Data File : VY009365.D
 Acq On : 28 Jun 2022 14:20
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Jun 28 15:03:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 15:02:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	144993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	238482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	222029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12643	9.384	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	18.760%#		
35) Dibromofluoromethane	7.709	113	13193	9.442	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.880%#		
50) Toluene-d8	10.172	98	39500	7.980	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	15.960%#		
62) 4-Bromofluorobenzene	12.477	95	18907	9.618	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.240%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	13547	11.260	ug/l	96
3) Chloromethane	2.107	50	14498	11.997	ug/l	99
4) Vinyl Chloride	2.247	62	16337	11.319	ug/l #	87
5) Bromomethane	2.637	94	11047	11.668	ug/l	98
6) Chloroethane	2.784	64	9803	12.410	ug/l	94
7) Trichlorofluoromethane	3.113	101	22477	11.175	ug/l	99
8) Diethyl Ether	3.521	74	8471	11.549	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	15326	11.155	ug/l	92
10) Methyl Iodide	4.082	142	14144	8.660	ug/l	90
11) Tert butyl alcohol	4.917	59	18783m	68.372	ug/l	
12) 1,1-Dichloroethene	3.856	96	13550	10.633	ug/l	80
13) Acrolein	3.716	56	5530	56.042	ug/l	96
14) Allyl chloride	4.466	41	24754	10.591	ug/l	95
15) Acrylonitrile	5.155	53	23566	55.353	ug/l	99
16) Acetone	3.942	43	21819	60.913	ug/l	98
17) Carbon Disulfide	4.186	76	37061	10.400	ug/l #	94
18) Methyl Acetate	4.472	43	12304	11.023	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	41492	10.864	ug/l	97
20) Methylene Chloride	4.704	84	29453	15.791	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	15988	10.332	ug/l	82
22) Diisopropyl ether	6.106	45	55319	11.199	ug/l	96
23) Vinyl Acetate	6.051	43	171285	55.760	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	29382	10.414	ug/l	97
25) 2-Butanone	6.978	43	33926	57.736	ug/l	96
26) 2,2-Dichloropropane	6.972	77	29409	11.098	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	18517	10.292	ug/l	97
28) Bromochloromethane	7.325	49	12643	10.406	ug/l	91
29) Tetrahydrofuran	7.338	42	22091	58.113	ug/l	97
30) Chloroform	7.502	83	30658	10.532	ug/l	96
31) Cyclohexane	7.777	56	27517	10.800	ug/l #	91
32) 1,1,1-Trichloroethane	7.697	97	26811	10.530	ug/l	96
36) 1,1-Dichloropropene	7.911	75	24410	10.782	ug/l	98
37) Ethyl Acetate	7.069	43	14258	10.663	ug/l #	94
38) Carbon Tetrachloride	7.892	117	24729	10.323	ug/l	92
39) Methylcyclohexane	9.185	83	26773	10.164	ug/l #	84
40) Benzene	8.154	78	68679	10.329	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	5840m	4.190	ug/l	
42) 1,2-Dichloroethane	8.234	62	20919	10.929	ug/l	91
43) Isopropyl Acetate	8.264	43	27541	11.188	ug/l	94
44) Trichloroethene	8.929	130	19693	10.707	ug/l	97
45) 1,2-Dichloropropane	9.209	63	17479	10.229	ug/l	91
46) Dibromomethane	9.295	93	10058	10.463	ug/l	97
47) Bromodichloromethane	9.490	83	23787	10.459	ug/l	96
48) Methyl methacrylate	9.288	41	11706	11.032	ug/l	93
49) 1,4-Dioxane	9.288	88	2779	215.174	ug/l	95
51) 4-Methyl-2-Pentanone	10.063	43	71939	56.559	ug/l	95
52) Toluene	10.239	92	44145	10.571	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	25117	10.500	ug/l	98
54) cis-1,3-Dichloropropene	9.922	75	27790	10.238	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	14656	10.868	ug/l	93
56) Ethyl methacrylate	10.508	69	17568	9.997	ug/l	93
57) 1,3-Dichloropropane	10.782	76	23998	10.452	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	44991	49.906	ug/l	98
59) 2-Hexanone	10.831	43	48612	56.171	ug/l	93
60) Dibromochloromethane	10.977	129	16489	10.106	ug/l	100
61) 1,2-Dibromoethane	11.087	107	13288	10.411	ug/l	96
64) Tetrachloroethene	10.715	164	21212	10.604	ug/l	91
65) Chlorobenzene	11.514	112	48071	10.116	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	18040	10.372	ug/l	98
67) Ethyl Benzene	11.587	91	83789	10.167	ug/l	96
68) m/p-Xylenes	11.697	106	66888	20.789	ug/l	90
69) o-Xylene	12.026	106	31512	10.236	ug/l	89
70) Styrene	12.038	104	50885	9.977	ug/l	96
71) Bromoform	12.203	173	11136	10.533	ug/l #	97
73) Isopropylbenzene	12.324	105	81099	10.233	ug/l	99
74) N-amyl acetate	12.142	43	22943	10.694	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	16317	10.815	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	15048m	7.064	ug/l	
77) Bromobenzene	12.605	156	19904	10.369	ug/l	97
78) n-propylbenzene	12.666	91	98925	10.293	ug/l	98
79) 2-Chlorotoluene	12.751	91	55992	10.505	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	67997	10.459	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	6111	11.024	ug/l	87
82) 4-Chlorotoluene	12.849	91	59661	10.701	ug/l	99
83) tert-Butylbenzene	13.074	119	45749	8.120	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	52486	8.262	ug/l	94
85) sec-Butylbenzene	13.251	105	72117	8.634	ug/l	97
86) p-Isopropyltoluene	13.367	119	65890	9.362	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	37381	10.041	ug/l	96
88) 1,4-Dichlorobenzene	13.446	146	40931	10.710	ug/l	98
89) n-Butylbenzene	13.696	91	68892	10.446	ug/l	99
90) Hexachloroethane	13.958	117	14208	10.255	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	36358	10.804	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2790	10.844	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	19714	9.999	ug/l	99
94) Hexachlorobutadiene	15.111	225	11757	10.613	ug/l	98
95) Naphthalene	15.239	128	37480	9.865	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	17666	10.532	ug/l	99

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

