

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009354.D
 Acq On : 27 Jun 2022 19:32
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 04:32:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	149165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	244705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	229859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55909	49.741	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.480%		
35) Dibromofluoromethane	7.709	113	62412	47.253	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.500%		
50) Toluene-d8	10.172	98	194753	50.539	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.080%		
62) 4-Bromofluorobenzene	12.477	95	98445	52.333	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	50372	40.911	ug/l	95
3) Chloromethane	2.107	50	57225	39.557	ug/l	95
4) Vinyl Chloride	2.241	62	71562	45.987	ug/l	99
5) Bromomethane	2.637	94	42402	42.273	ug/l	99
6) Chloroethane	2.783	64	38628	49.033	ug/l	100
7) Trichlorofluoromethane	3.119	101	95594	48.278	ug/l	96
8) Diethyl Ether	3.521	74	36518	47.494	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	63256	44.688	ug/l	99
10) Methyl Iodide	4.082	142	79228	42.152	ug/l	98
11) Tert butyl alcohol	4.941	59	45852	225.970	ug/l	97
12) 1,1-Dichloroethene	3.862	96	59003	42.407	ug/l	98
13) Acrolein	3.722	56	23031	166.783	ug/l	94
14) Allyl chloride	4.472	41	111946	45.835	ug/l	97
15) Acrylonitrile	5.149	53	111580	263.469	ug/l	100
16) Acetone	3.936	43	81609	214.000	ug/l	96
17) Carbon Disulfide	4.179	76	168378	37.171	ug/l	100
18) Methyl Acetate	4.472	43	52965	49.885	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	194080	49.653	ug/l	96
20) Methylene Chloride	4.704	84	86305	52.811	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	72362	44.083	ug/l	92
22) Diisopropyl ether	6.112	45	264163	54.597	ug/l	97
23) Vinyl Acetate	6.051	43	871309	279.829	ug/l	97
24) 1,1-Dichloroethane	6.002	63	134727	48.271	ug/l	97
25) 2-Butanone	6.978	43	154623	269.624	ug/l	100
26) 2,2-Dichloropropane	6.978	77	115058	44.447	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	86419	48.034	ug/l	98
28) Bromochloromethane	7.325	49	68735	57.570	ug/l	95
29) Tetrahydrofuran	7.337	42	108194	293.965	ug/l	97
30) Chloroform	7.496	83	140221	49.799	ug/l	100
31) Cyclohexane	7.782	56	121527	45.054	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	120886	48.618	ug/l	98
36) 1,1-Dichloropropene	7.910	75	107439	48.469	ug/l	99
37) Ethyl Acetate	7.069	43	71303	56.637	ug/l	98
38) Carbon Tetrachloride	7.898	117	110792	48.607	ug/l	99
39) Methylcyclohexane	9.178	83	130049	47.084	ug/l	99
40) Benzene	8.154	78	321349	49.261	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	29902m	44.115	ug/l	
42) 1,2-Dichloroethane	8.234	62	94998	51.728	ug/l	100
43) Isopropyl Acetate	8.270	43	131246	56.428	ug/l	98
44) Trichloroethene	8.935	130	86873	47.624	ug/l	97
45) 1,2-Dichloropropane	9.209	63	83900	52.401	ug/l	98
46) Dibromomethane	9.300	93	49023	52.806	ug/l	98
47) Bromodichloromethane	9.496	83	111602	51.695	ug/l	100
48) Methyl methacrylate	9.288	41	56719	54.872	ug/l	97
49) 1,4-Dioxane	9.288	88	14052	1113.246	ug/l	98
51) 4-Methyl-2-Pentanone	10.062	43	359843	306.222	ug/l	99
52) Toluene	10.239	92	210717	52.138	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	119512	52.305	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	134176	51.541	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	69180	54.127	ug/l	97
56) Ethyl methacrylate	10.508	69	98473	58.288	ug/l	98
57) 1,3-Dichloropropane	10.788	76	117799	54.261	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	263481	301.573	ug/l	98
59) 2-Hexanone	10.831	43	246856	302.014	ug/l	99
60) Dibromochloromethane	10.977	129	84233	54.402	ug/l	100
61) 1,2-Dibromoethane	11.087	107	68360	54.569	ug/l	98
64) Tetrachloroethene	10.715	164	99400	49.715	ug/l	90
65) Chlorobenzene	11.513	112	228313	50.059	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	84088	51.453	ug/l	99
67) Ethyl Benzene	11.587	91	403139	50.062	ug/l	98
68) m/p-Xylenes	11.696	106	315702	99.786	ug/l	98
69) o-Xylene	12.026	106	151192	50.926	ug/l	100
70) Styrene	12.038	104	259566	52.667	ug/l	99
71) Bromoform	12.202	173	56929	56.435	ug/l	99
73) Isopropylbenzene	12.324	105	400918	48.700	ug/l	100
74) N-amyl acetate	12.141	43	113204	51.194	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.580	83	81832	52.738	ug/l	96
76) 1,2,3-Trichloropropane	12.629	75	57087m	49.270	ug/l	
77) Bromobenzene	12.605	156	96921	48.099	ug/l	99
78) n-propylbenzene	12.666	91	485978	47.869	ug/l	100
79) 2-Chlorotoluene	12.751	91	273119	48.421	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	333719	48.127	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	30401	51.939	ug/l	97
82) 4-Chlorotoluene	12.849	91	277626	47.237	ug/l	100
83) tert-Butylbenzene	13.068	119	294985	48.647	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	331490	48.486	ug/l	100
85) sec-Butylbenzene	13.251	105	436244	48.501	ug/l	99
86) p-Isopropyltoluene	13.367	119	360288	48.420	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	186134	47.949	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	187520	47.876	ug/l	99
89) n-Butylbenzene	13.690	91	340299	48.762	ug/l	99
90) Hexachloroethane	13.958	117	70233	49.876	ug/l	97
91) 1,2-Dichlorobenzene	13.733	146	170887	49.047	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	14243	53.124	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	104781	49.987	ug/l	99
94) Hexachlorobutadiene	15.110	225	56486	48.783	ug/l	98
95) Naphthalene	15.232	128	229989	54.800	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	91785	50.544	ug/l	97

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

