

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009369.D
 Acq On : 29 Jun 2022 12:10
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 17:42:03 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	154630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	248220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	60889	49.163	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.320%		
35) Dibromofluoromethane	7.710	113	67239	49.218	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.440%		
50) Toluene-d8	10.179	98	209155	49.934	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.860%		
62) 4-Bromofluorobenzene	12.483	95	99875	50.276	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	56964	44.747	ug/l	99
3) Chloromethane	2.107	50	62224	44.922	ug/l	95
4) Vinyl Chloride	2.247	62	72862	45.472	ug/l	97
5) Bromomethane	2.644	94	43917	42.712	ug/l	99
6) Chloroethane	2.790	64	39519	46.256	ug/l	97
7) Trichlorofluoromethane	3.119	101	100362	47.210	ug/l	95
8) Diethyl Ether	3.528	74	40807	49.129	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	71743	47.080	ug/l	97
10) Methyl Iodide	4.082	142	88490	52.902	ug/l	90
11) Tert butyl alcohol	4.948	59	58524	305.246	ug/l	98
12) 1,1-Dichloroethene	3.869	96	66213	47.635	ug/l	87
13) Acrolein	3.717	56	21267	205.738	ug/l	96
14) Allyl chloride	4.479	41	123122	48.340	ug/l	94
15) Acrylonitrile	5.155	53	127943	271.905	ug/l	97
16) Acetone	3.942	43	122221	300.479	ug/l	92
17) Carbon Disulfide	4.186	76	178448	46.151	ug/l	100
18) Methyl Acetate	4.466	43	56989	54.596	ug/l #	91
19) Methyl tert-butyl Ether	5.210	73	221629	53.165	ug/l	100
20) Methylene Chloride	4.710	84	85086	45.161	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	81926	49.229	ug/l	91
22) Diisopropyl ether	6.113	45	287199	53.431	ug/l	92
23) Vinyl Acetate	6.052	43	951148	282.477	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	152399	50.429	ug/l	95
25) 2-Butanone	6.978	43	186864	289.774	ug/l	91
26) 2,2-Dichloropropane	6.972	77	140573	49.147	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	99422	51.424	ug/l	91
28) Bromochloromethane	7.326	49	72913	56.189	ug/l #	90
29) Tetrahydrofuran	7.338	42	115315	278.920	ug/l	92
30) Chloroform	7.503	83	155281	49.994	ug/l	99
31) Cyclohexane	7.777	56	135416	48.610	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	135609	48.755	ug/l	97
36) 1,1-Dichloropropene	7.911	75	120704	50.532	ug/l	98
37) Ethyl Acetate	7.070	43	75117	53.027	ug/l	95
38) Carbon Tetrachloride	7.893	117	123352	49.405	ug/l	97
39) Methylcyclohexane	9.179	83	141047	49.891	ug/l	93
40) Benzene	8.155	78	352042	50.396	ug/l	97

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	44439m	55.529	ug/l	
42) 1,2-Dichloroethane	8.234	62	101677	50.741	ug/l	91
43) Isopropyl Acetate	8.271	43	142063	54.623	ug/l	93
44) Trichloroethene	8.935	130	94641	48.760	ug/l	97
45) 1,2-Dichloropropane	9.216	63	93447	52.811	ug/l	97
46) Dibromomethane	9.301	93	53170	52.452	ug/l	97
47) Bromodichloromethane	9.496	83	122629	51.083	ug/l	98
48) Methyl methacrylate	9.289	41	60890	54.308	ug/l #	89
49) 1,4-Dioxane	9.295	88	15137	1071.242	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	376457	280.737	ug/l	93
52) Toluene	10.240	92	223618	50.738	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	133804	55.720	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	149236	52.049	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	75467	55.957	ug/l	99
56) Ethyl methacrylate	10.508	69	106483	61.856	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	128138	53.633	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	279867	293.631	ug/l	97
59) 2-Hexanone	10.831	43	267871	289.178	ug/l	90
60) Dibromochloromethane	10.984	129	90878	53.246	ug/l	98
61) 1,2-Dibromoethane	11.087	107	71441	52.763	ug/l	99
64) Tetrachloroethene	10.715	164	104402	49.104	ug/l	98
65) Chlorobenzene	11.514	112	245388	50.217	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	90711	50.608	ug/l	97
67) Ethyl Benzene	11.593	91	433027	51.082	ug/l	96
68) m/p-Xylenes	11.703	106	339815	100.250	ug/l	92
69) o-Xylene	12.026	106	161867	50.602	ug/l	92
70) Styrene	12.044	104	277037	52.271	ug/l	95
71) Bromoform	12.209	173	59439	52.776	ug/l #	98
73) Isopropylbenzene	12.331	105	428149	51.607	ug/l	99
74) N-amyl acetate	12.142	43	119096	54.727	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	86714	53.958	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	65850m	50.061	ug/l	
77) Bromobenzene	12.605	156	102438	51.796	ug/l	95
78) n-propylbenzene	12.672	91	523914	51.914	ug/l	97
79) 2-Chlorotoluene	12.758	91	290685	51.029	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	356374	51.366	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	31845	53.902	ug/l	86
82) 4-Chlorotoluene	12.855	91	302482	51.097	ug/l	97
83) tert-Butylbenzene	13.075	119	312394	53.593	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	349323	52.985	ug/l	97
85) sec-Butylbenzene	13.252	105	469175	53.440	ug/l	98
86) p-Isopropyltoluene	13.367	119	381887	51.727	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	196648	50.329	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	196125	48.780	ug/l	99
89) n-Butylbenzene	13.697	91	358426	51.670	ug/l	98
90) Hexachloroethane	13.959	117	74836	51.126	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	177810	50.176	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14374	53.367	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	93388	44.395	ug/l	98
94) Hexachlorobutadiene	15.111	225	54287	45.971	ug/l	96
95) Naphthalene	15.239	128	215976	51.280	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	89393	48.914	ug/l	98

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

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