

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008744.D
 Acq On : 13 May 2022 13:17
 Operator : KP/MD
 Sample : VY0513SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

Quant Time: May 16 05:50:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/16/2022
 Supervised By :Semsettin Yesilyurt 05/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	170393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	287281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	271526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82613	48.684	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.360%		
35) Dibromofluoromethane	7.716	113	81721	47.396	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.800%		
50) Toluene-d8	10.179	98	284305	43.723	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.440%		
62) 4-Bromofluorobenzene	12.483	95	99730	44.267	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32616	23.885	ug/l	99
3) Chloromethane	2.113	50	61930	21.943	ug/l	96
4) Vinyl Chloride	2.247	62	83089	21.748	ug/l	98
5) Bromomethane	2.637	94	80759	22.565	ug/l	99
6) Chloroethane	2.790	64	55926	21.234	ug/l	97
7) Trichlorofluoromethane	3.119	101	66252	22.452	ug/l	98
8) Diethyl Ether	3.527	74	20609	22.658	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	39581	22.658	ug/l	99
10) Methyl Iodide	4.088	142	35745	21.251	ug/l	98
11) Tert butyl alcohol	4.948	59	22776	57.625	ug/l	97
12) 1,1-Dichloroethene	3.869	96	35197	22.001	ug/l	92
13) Acrolein	3.723	56	14595	133.877	ug/l	94
14) Allyl chloride	4.479	41	47885	21.186	ug/l	99
15) Acrylonitrile	5.155	53	50687	108.993	ug/l	100
16) Acetone	3.948	43	38833	99.659	ug/l	97
17) Carbon Disulfide	4.186	76	104014	22.854	ug/l	99
18) Methyl Acetate	4.479	43	25728	19.742	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	101899	21.487	ug/l	96
20) Methylene Chloride	4.710	84	56677	23.859	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	41630	21.366	ug/l	96
22) Diisopropyl ether	6.112	45	114009	21.636	ug/l	95
23) Vinyl Acetate	6.057	43	368224	117.223	ug/l	100
24) 1,1-Dichloroethane	6.015	63	71720	21.527	ug/l	97
25) 2-Butanone	6.978	43	64736	107.550	ug/l	94
26) 2,2-Dichloropropane	6.978	77	68044	21.488	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	47573	21.426	ug/l	100
28) Bromochloromethane	7.332	49	26650	20.045	ug/l	94
29) Tetrahydrofuran	7.350	42	41555	107.056	ug/l	98
30) Chloroform	7.508	83	78446	22.090	ug/l	90
31) Cyclohexane	7.777	56	64765	21.128	ug/l	100
32) 1,1,1-Trichloroethane	7.697	97	68164	21.214	ug/l	99
36) 1,1-Dichloropropene	7.911	75	57492	20.854	ug/l	98
37) Ethyl Acetate	7.069	43	30511	21.870	ug/l	97
38) Carbon Tetrachloride	7.899	117	60831	20.910	ug/l	94
39) Methylcyclohexane	9.179	83	73617	21.003	ug/l	98
40) Benzene	8.155	78	165763	20.689	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	15748m	23.268	ug/l	
42) 1,2-Dichloroethane	8.234	62	50295	22.183	ug/l	100
43) Isopropyl Acetate	8.271	43	56482	21.482	ug/l #	88
44) Trichloroethene	8.941	130	45712	21.365	ug/l	91
45) 1,2-Dichloropropane	9.215	63	41995	21.709	ug/l	98
46) Dibromomethane	9.301	93	26978	21.978	ug/l	98
47) Bromodichloromethane	9.496	83	61713	21.695	ug/l	99
48) Methyl methacrylate	9.295	41	24722	21.950	ug/l	97
49) 1,4-Dioxane	9.301	88	6901	448.798	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	150338	106.635	ug/l	97
52) Toluene	10.240	92	109936	20.624	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	61340	20.917	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	70590	21.544	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	34904	20.739	ug/l	98
56) Ethyl methacrylate	10.508	69	43906	20.269	ug/l	93
57) 1,3-Dichloropropane	10.788	76	59573	21.577	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	111961	98.694	ug/l	97
59) 2-Hexanone	10.831	43	101132	106.445	ug/l	96
60) Dibromochloromethane	10.983	129	41706	20.712	ug/l	98
61) 1,2-Dibromoethane	11.087	107	34907	21.563	ug/l	95
64) Tetrachloroethene	10.721	164	41267	20.239	ug/l	92
65) Chlorobenzene	11.514	112	117145	20.285	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	42930	20.020	ug/l	97
67) Ethyl Benzene	11.593	91	207661	20.028	ug/l	99
68) m/p-Xylenes	11.703	106	162974	39.419	ug/l	100
69) o-Xylene	12.032	106	77260	19.873	ug/l	99
70) Styrene	12.044	104	129508	20.010	ug/l	99
71) Bromoform	12.209	173	26125	20.701	ug/l #	97
73) Isopropylbenzene	12.331	105	199279	20.264	ug/l	100
74) N-amyl acetate	12.142	43	48751	21.444	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	42803	21.189	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	25153m	19.228	ug/l	
77) Bromobenzene	12.611	156	45758	20.550	ug/l	98
78) n-propylbenzene	12.672	91	247981	20.820	ug/l	98
79) 2-Chlorotoluene	12.758	91	133335	20.791	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	165374	20.623	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	14778	21.825	ug/l	97
82) 4-Chlorotoluene	12.855	91	140038	20.741	ug/l	100
83) tert-Butylbenzene	13.075	119	143964	20.207	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	165239	20.733	ug/l	100
85) sec-Butylbenzene	13.251	105	221586	20.498	ug/l	99
86) p-Isopropyltoluene	13.367	119	183582	20.347	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	94075	20.337	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	95282	20.987	ug/l	99
89) n-Butylbenzene	13.696	91	175511	20.798	ug/l	98
90) Hexachloroethane	13.959	117	34825	20.922	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	82296	20.540	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6291	20.977	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	46703	20.991	ug/l	98
94) Hexachlorobutadiene	15.111	225	24417	20.845	ug/l	98
95) Naphthalene	15.239	128	97931	20.594	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	40640	20.630	ug/l	98

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

