

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011388.D
 Acq On : 10 Nov 2022 14:22
 Operator : KP/MD
 Sample : VY1110SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBS01

Quant Time: Nov 10 14:40:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 13:04:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

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 Dadoda
 11/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	299073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	471975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	424826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	213338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112142	44.747	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.500%		
35) Dibromofluoromethane	7.715	113	123354	46.636	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.280%		
50) Toluene-d8	10.178	98	456110	45.138	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.280%		
62) 4-Bromofluorobenzene	12.477	95	166546	47.254	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	51785	26.787	ug/l	100
3) Chloromethane	2.113	50	51838	21.566	ug/l	94
4) Vinyl Chloride	2.247	62	60671	21.413	ug/l	98
5) Bromomethane	2.637	94	43700	21.299	ug/l	97
6) Chloroethane	2.789	64	38766	20.604	ug/l	99
7) Trichlorofluoromethane	3.119	101	95023	21.255	ug/l	93
8) Diethyl Ether	3.521	74	32290	20.569	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.893	101	56298	20.771	ug/l	95
10) Methyl Iodide	4.088	142	67774	18.749	ug/l	90
11) Tert butyl alcohol	4.935	59	48581	144.933	ug/l #	93
12) 1,1-Dichloroethene	3.868	96	55370	20.633	ug/l	80
13) Acrolein	3.728	56	12259	144.559	ug/l	99
14) Allyl chloride	4.478	41	73230	20.221	ug/l #	82
15) Acrylonitrile	5.161	53	75362	100.467	ug/l	96
16) Acetone	3.942	43	67467	102.018	ug/l #	74
17) Carbon Disulfide	4.186	76	164565	20.588	ug/l	99
18) Methyl Acetate	4.472	43	39565	20.917	ug/l #	83
19) Methyl tert-butyl Ether	5.216	73	139441	19.868	ug/l	96
20) Methylene Chloride	4.710	84	89585	20.500	ug/l #	76
21) trans-1,2-Dichloroethene	5.216	96	61285	20.030	ug/l	84
22) Diisopropyl ether	6.112	45	158495	20.507	ug/l #	93
23) Vinyl Acetate	6.057	43	456871	101.042	ug/l #	88
24) 1,1-Dichloroethane	6.008	63	102943	20.453	ug/l	98
25) 2-Butanone	6.978	43	97568	103.575	ug/l #	82
26) 2,2-Dichloropropane	6.978	77	95298	20.246	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	69526	20.191	ug/l	85
28) Bromochloromethane	7.331	49	35195	19.255	ug/l #	71
29) Tetrahydrofuran	7.343	42	57798	101.290	ug/l #	77
30) Chloroform	7.502	83	108626	20.407	ug/l	100
31) Cyclohexane	7.782	56	91483	20.315	ug/l #	82
32) 1,1,1-Trichloroethane	7.697	97	97618	20.276	ug/l	94
36) 1,1-Dichloropropene	7.917	75	82331	20.055	ug/l	95
37) Ethyl Acetate	7.069	43	40195	20.382	ug/l #	89
38) Carbon Tetrachloride	7.898	117	91058	20.391	ug/l	99
39) Methylcyclohexane	9.178	83	104302	20.793	ug/l	88
40) Benzene	8.154	78	247692	20.204	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	21510m	21.064	ug/l	
42) 1,2-Dichloroethane	8.234	62	64714	20.143	ug/l	89
43) Isopropyl Acetate	8.270	43	69471	19.528	ug/l #	83
44) Trichloroethene	8.935	130	69510	20.184	ug/l	98
45) 1,2-Dichloropropane	9.215	63	58571	20.074	ug/l	97
46) Dibromomethane	9.300	93	34194	20.129	ug/l	98
47) Bromodichloromethane	9.496	83	81142	19.936	ug/l	99
48) Methyl methacrylate	9.288	41	30770	19.246	ug/l #	70
49) 1,4-Dioxane	9.294	88	9640	415.665	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	192688	100.721	ug/l #	84
52) Toluene	10.239	92	158621	20.262	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	85125	20.284	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	98032	20.239	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	50278	20.438	ug/l	97
56) Ethyl methacrylate	10.508	69	63266	19.999	ug/l #	69
57) 1,3-Dichloropropane	10.788	76	82293	20.053	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	153762	105.151	ug/l	92
59) 2-Hexanone	10.831	43	138985	102.552	ug/l	81
60) Dibromochloromethane	10.983	129	60320	19.865	ug/l	100
61) 1,2-Dibromoethane	11.087	107	47298	19.997	ug/l	98
64) Tetrachloroethene	10.715	164	67675	19.929	ug/l	99
65) Chlorobenzene	11.513	112	170850	20.093	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	63636	20.003	ug/l	98
67) Ethyl Benzene	11.593	91	297170	20.001	ug/l	97
68) m/p-Xylenes	11.696	106	234638	40.282	ug/l	94
69) o-Xylene	12.026	106	109466	19.925	ug/l	94
70) Styrene	12.044	104	187537	20.306	ug/l	94
71) Bromoform	12.202	173	38838	19.696	ug/l #	99
73) Isopropylbenzene	12.324	105	293262	19.889	ug/l	100
74) N-amyl acetate	12.141	43	61596	19.856	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.580	83	56740	20.028	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	42088m	17.043	ug/l	
77) Bromobenzene	12.605	156	70083	19.876	ug/l	93
78) n-propylbenzene	12.666	91	352540	20.037	ug/l	98
79) 2-Chlorotoluene	12.751	91	200268	19.903	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	248008	19.942	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	20592	20.044	ug/l #	80
82) 4-Chlorotoluene	12.849	91	208655	19.976	ug/l	98
83) tert-Butylbenzene	13.074	119	215577	20.049	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	245464	20.108	ug/l	98
85) sec-Butylbenzene	13.251	105	319761	20.202	ug/l	99
86) p-Isopropyltoluene	13.367	119	267351	20.151	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	140922	20.021	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	139299	20.012	ug/l	98
89) n-Butylbenzene	13.696	91	241588	20.265	ug/l	98
90) Hexachloroethane	13.958	117	51891	19.990	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	123648	19.802	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	9131	19.781	ug/l	72
93) 1,2,4-Trichlorobenzene	15.001	180	76031	20.655	ug/l	99
94) Hexachlorobutadiene	15.110	225	46177	21.234	ug/l	99
95) Naphthalene	15.232	128	143360	19.874	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	65273	20.535	ug/l	99

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Compound	R.T.	QI	on	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

