

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014797.D
 Acq On : 25 Jul 2023 13:21
 Operator : SY/MD
 Sample : VY0725SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS01

Quant Time: Jul 26 01:16:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	210291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	348512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	308670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115305	48.117	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.240%		
35) Dibromofluoromethane	7.709	113	103694	46.740	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.480%		
50) Toluene-d8	10.172	98	375486	45.907	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.820%		
62) 4-Bromofluorobenzene	12.477	95	139747	44.559	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	89.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	38781	22.636	ug/l	97
3) Chloromethane	2.107	50	51938	26.968	ug/l	96
4) Vinyl Chloride	2.241	62	57203	26.577	ug/l	91
5) Bromomethane	2.625	94	34335	24.139	ug/l	100
6) Chloroethane	2.771	64	34433	25.611	ug/l	99
7) Trichlorofluoromethane	3.107	101	82867	22.924	ug/l	99
8) Diethyl Ether	3.521	74	28496	21.187	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.887	101	47961	21.646	ug/l	95
10) Methyl Iodide	4.076	142	42921	19.777	ug/l	97
11) Tert butyl alcohol	4.948	59	76445	144.957	ug/l #	93
12) 1,1-Dichloroethene	3.856	96	44481	21.480	ug/l	91
13) Acrolein	3.722	56	21143	84.415	ug/l	100
14) Allyl chloride	4.466	41	68087	18.518	ug/l	97
15) Acrylonitrile	5.155	53	83221	112.206	ug/l	99
16) Acetone	3.948	43	82180	108.221	ug/l	95
17) Carbon Disulfide	4.180	76	119982	20.237	ug/l	99
18) Methyl Acetate	4.466	43	69696	23.917	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	149523	22.228	ug/l	100
20) Methylene Chloride	4.704	84	65213	24.262	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	48884	20.801	ug/l	97
22) Diisopropyl ether	6.112	45	145417	19.453	ug/l	92
23) Vinyl Acetate	6.051	43	444136	99.281	ug/l	95
24) 1,1-Dichloroethane	6.008	63	89243	20.864	ug/l	97
25) 2-Butanone	6.984	43	126265	113.654	ug/l	96
26) 2,2-Dichloropropane	6.972	77	81298	19.943	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	58985	21.563	ug/l	97
28) Bromochloromethane	7.325	49	38645	20.978	ug/l	92
29) Tetrahydrofuran	7.344	42	78270	114.417	ug/l	92
30) Chloroform	7.502	83	94345	21.390	ug/l	98
31) Cyclohexane	7.776	56	78380	19.704	ug/l	85
32) 1,1,1-Trichloroethane	7.691	97	84536	21.295	ug/l	98
36) 1,1-Dichloropropene	7.911	75	66552	20.059	ug/l	100
37) Ethyl Acetate	7.069	43	51240	22.432	ug/l #	94
38) Carbon Tetrachloride	7.892	117	74970	21.376	ug/l	99
39) Methylcyclohexane	9.179	83	85874	19.867	ug/l	94
40) Benzene	8.154	78	200880	21.289	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	23553m	20.046	ug/l	
42) 1,2-Dichloroethane	8.228	62	67390	22.553	ug/l	95
43) Isopropyl Acetate	8.270	43	92397	21.234	ug/l	97
44) Trichloroethene	8.935	130	57424	21.751	ug/l	98
45) 1,2-Dichloropropane	9.215	63	50298	20.414	ug/l	100
46) Dibromomethane	9.301	93	31408	21.012	ug/l	96
47) Bromodichloromethane	9.490	83	74614	21.179	ug/l	100
48) Methyl methacrylate	9.288	41	40775	20.825	ug/l	92
49) 1,4-Dioxane	9.294	88	11551	473.925	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	261724	114.558	ug/l	93
52) Toluene	10.239	92	127695	21.149	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	79398	20.604	ug/l	100
54) cis-1,3-Dichloropropene	9.922	75	86187	20.567	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	46475	22.321	ug/l	96
56) Ethyl methacrylate	10.508	69	65708	20.669	ug/l	92
57) 1,3-Dichloropropane	10.788	76	75030	20.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	155153	104.744	ug/l	94
59) 2-Hexanone	10.831	43	193164	115.939	ug/l	93
60) Dibromochloromethane	10.983	129	56226	22.025	ug/l	99
61) 1,2-Dibromoethane	11.087	107	46198	22.241	ug/l	100
64) Tetrachloroethene	10.715	164	58812	23.690	ug/l	94
65) Chlorobenzene	11.514	112	141243	21.473	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	51205	20.647	ug/l	99
67) Ethyl Benzene	11.587	91	251574	21.183	ug/l	100
68) m/p-Xylenes	11.696	106	186036	41.037	ug/l	97
69) o-Xylene	12.026	106	93329	21.136	ug/l	98
70) Styrene	12.038	104	158688	21.323	ug/l	96
71) Bromoform	12.202	173	37083	22.059	ug/l #	99
73) Isopropylbenzene	12.324	105	249382	20.022	ug/l	100
74) N-amyl acetate	12.141	43	80304	19.250	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.574	83	60232	21.205	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	40896m	20.356	ug/l	
77) Bromobenzene	12.605	156	56596	19.906	ug/l	97
78) n-propylbenzene	12.666	91	284270	18.940	ug/l	100
79) 2-Chlorotoluene	12.751	91	161627	18.696	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	207619	19.959	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	19298	18.598	ug/l	96
82) 4-Chlorotoluene	12.849	91	167649	18.830	ug/l	99
83) tert-Butylbenzene	13.068	119	177800	19.269	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	207124	20.289	ug/l	98
85) sec-Butylbenzene	13.251	105	261989	19.355	ug/l	100
86) p-Isopropyltoluene	13.367	119	215911	19.536	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	116146	20.989	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	116476	21.005	ug/l	98
89) n-Butylbenzene	13.690	91	202313	18.816	ug/l	97
90) Hexachloroethane	13.958	117	41336	18.209	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	107354	21.175	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.348	75	11790	21.705	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	67582	20.999	ug/l	99
94) Hexachlorobutadiene	15.110	225	34642	19.588	ug/l	97
95) Naphthalene	15.232	128	162949	21.733	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	59990	20.974	ug/l	99

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ALS Vial : 12 Sample Multiplier: 1

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

