

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019193.D
 Acq On : 22 Aug 2024 02:34
 Operator : SY/MD
 Sample : VY0821SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0821SBS02

Quant Time: Aug 22 03:47:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	113045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	185672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	158532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	75884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	56452	49.817	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.640%		
35) Dibromofluoromethane	7.628	113	61282	50.478	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.960%		
50) Toluene-d8	10.103	98	218248	49.955	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.920%		
62) 4-Bromofluorobenzene	12.408	95	71512	48.016	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	96.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	18613	22.442	ug/l	97
3) Chloromethane	2.068	50	29434	19.689	ug/l	100
4) Vinyl Chloride	2.202	62	34708	18.796	ug/l	100
5) Bromomethane	2.586	94	26578	20.029	ug/l	94
6) Chloroethane	2.733	64	22206	17.664	ug/l	97
7) Trichlorofluoromethane	3.056	101	51102	18.304	ug/l	96
8) Diethyl Ether	3.452	74	12788	21.221	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.812	101	25414	20.476	ug/l	98
10) Methyl Iodide	3.995	142	24418	20.071	ug/l	94
11) Tert butyl alcohol	4.830	59	16110	150.312	ug/l #	96
12) 1,1-Dichloroethene	3.781	96	23826	21.129	ug/l	91
13) Acrolein	3.647	56	8581	88.061	ug/l	100
14) Allyl chloride	4.379	41	33994	22.674	ug/l	90
15) Acrylonitrile	5.049	53	26890	109.055	ug/l	96
16) Acetone	3.854	43	21581	102.692	ug/l #	84
17) Carbon Disulfide	4.098	76	63796	20.058	ug/l	98
18) Methyl Acetate	4.379	43	14650	22.714	ug/l	98
19) Methyl tert-butyl Ether	5.104	73	60068	21.972	ug/l	96
20) Methylene Chloride	4.610	84	35344	21.187	ug/l	85
21) trans-1,2-Dichloroethene	5.104	96	26486	21.024	ug/l	95
22) Diisopropyl ether	6.013	45	76589	22.315	ug/l	93
23) Vinyl Acetate	5.952	43	248756	91.547	ug/l	96
24) 1,1-Dichloroethane	5.903	63	46062	21.946	ug/l	96
25) 2-Butanone	6.884	43	31084	91.844	ug/l #	88
26) 2,2-Dichloropropane	6.878	77	31689	18.644	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	30597	20.638	ug/l	99
28) Bromochloromethane	7.244	49	18068	20.521	ug/l	98
29) Tetrahydrofuran	7.256	42	21477	98.717	ug/l	90
30) Chloroform	7.409	83	47426	20.278	ug/l	99
31) Cyclohexane	7.695	56	31351	16.471	ug/l #	96
32) 1,1,1-Trichloroethane	7.610	97	40918	19.908	ug/l	97
36) 1,1-Dichloropropene	7.829	75	31140	18.679	ug/l	99
37) Ethyl Acetate	6.970	43	16394	22.196	ug/l	97
38) Carbon Tetrachloride	7.811	117	36281	18.779	ug/l	95
39) Methylcyclohexane	9.103	83	35521	16.604	ug/l	94
40) Benzene	8.073	78	96409	18.856	ug/l	98

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41) Methacrylonitrile	7.213	41	6993m	17.347	ug/l	
42) 1,2-Dichloroethane	8.152	62	26291	19.042	ug/l	99
43) Isopropyl Acetate	8.195	43	25887	17.330	ug/l #	81
44) Trichloroethene	8.860	130	26678	18.700	ug/l	91
45) 1,2-Dichloropropane	9.140	63	21547	18.915	ug/l	98
46) Dibromomethane	9.231	93	14033	18.993	ug/l	99
47) Bromodichloromethane	9.420	83	34842	19.221	ug/l	100
48) Methyl methacrylate	9.213	41	11582	17.398	ug/l #	89
49) 1,4-Dioxane	9.219	88	3106	347.031	ug/l #	90
51) 4-Methyl-2-Pentanone	10.000	43	68990	87.019	ug/l	94
52) Toluene	10.170	92	63199	18.831	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	27226	18.106	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	32400	17.916	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	18320	19.261	ug/l	94
56) Ethyl methacrylate	10.439	69	21955	17.635	ug/l #	84
57) 1,3-Dichloropropane	10.719	76	28510	18.387	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	53273	90.200	ug/l	97
59) 2-Hexanone	10.762	43	45510	83.554	ug/l	91
60) Dibromochloromethane	10.914	129	23220	17.924	ug/l	95
61) 1,2-Dibromoethane	11.018	107	16289	17.718	ug/l	96
64) Tetrachloroethene	10.646	164	28652	20.677	ug/l	93
65) Chlorobenzene	11.444	112	70365	19.276	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	23585	18.372	ug/l	99
67) Ethyl Benzene	11.524	91	116739	18.425	ug/l	98
68) m/p-Xylenes	11.633	106	94900	37.748	ug/l	100
69) o-Xylene	11.957	106	44959	19.312	ug/l	97
70) Styrene	11.975	104	75023	18.897	ug/l	99
71) Bromoform	12.133	173	13447	18.324	ug/l #	96
73) Isopropylbenzene	12.255	105	113063	19.440	ug/l	99
74) N-amyl acetate	12.072	43	22830	18.001	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	19384	18.720	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	15291m	20.433	ug/l	
77) Bromobenzene	12.536	156	27769	19.880	ug/l	95
78) n-propylbenzene	12.597	91	134407	19.331	ug/l	97
79) 2-Chlorotoluene	12.682	91	76676	19.670	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	93041	19.637	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5276	17.411	ug/l #	87
82) 4-Chlorotoluene	12.780	91	78394	19.330	ug/l	97
83) tert-Butylbenzene	12.999	119	83480	19.079	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	90658	19.198	ug/l	99
85) sec-Butylbenzene	13.176	105	122654	19.236	ug/l	99
86) p-Isopropyltoluene	13.292	119	98194	18.748	ug/l	95
87) 1,3-Dichlorobenzene	13.292	146	51979	18.870	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	50990	18.621	ug/l	97
89) n-Butylbenzene	13.621	91	86058	18.022	ug/l	98
90) Hexachloroethane	13.883	117	20568	19.924	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	46085	19.022	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2878	18.894	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	22918	16.774	ug/l	96
94) Hexachlorobutadiene	15.023	225	13875	19.497	ug/l	95
95) Naphthalene	15.151	128	40041	16.421	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	20196	17.526	ug/l	98

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

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