

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018931.D
 Acq On : 08 Aug 2024 14:54
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY080824

Quant Time: Aug 09 05:21:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	87806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	135450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	114915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	57609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	39548	51.299	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.600%			
35) Dibromofluoromethane	7.628	113	42784	49.455	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.920%			
50) Toluene-d8	10.109	98	160177	48.204	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.400%			
62) 4-Bromofluorobenzene	12.408	95	48688	49.388	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	25932	42.966	ug/l	99
3) Chloromethane	2.068	50	74014	52.077	ug/l	98
4) Vinyl Chloride	2.202	62	95548	47.241	ug/l	97
5) Bromomethane	2.592	94	76826	47.608	ug/l	99
6) Chloroethane	2.732	64	64162	47.175	ug/l	93
7) Trichlorofluoromethane	3.049	101	121592	45.107	ug/l	100
8) Diethyl Ether	3.452	74	20430	49.166	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.805	101	37075	44.024	ug/l	92
10) Methyl Iodide	4.000	142	42408	46.635	ug/l	98
11) Tert butyl alcohol	4.842	59	16433	245.314	ug/l #	81
12) 1,1-Dichloroethene	3.781	96	37474	47.101	ug/l	90
13) Acrolein	3.641	56	20016	248.133	ug/l	95
14) Allyl chloride	4.378	41	51212	48.128	ug/l	86
15) Acrylonitrile	5.049	53	39082	239.912	ug/l	98
16) Acetone	3.860	43	44403	234.959	ug/l #	84
17) Carbon Disulfide	4.098	76	109920	46.476	ug/l	100
18) Methyl Acetate	4.372	43	19921	46.492	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	94111	48.092	ug/l	99
20) Methylene Chloride	4.604	84	44888	50.748	ug/l	88
21) trans-1,2-Dichloroethene	5.104	96	42781	48.598	ug/l	96
22) Diisopropyl ether	6.006	45	114404	49.319	ug/l #	89
23) Vinyl Acetate	5.945	43	493759	246.642	ug/l	97
24) 1,1-Dichloroethane	5.903	63	69223	48.644	ug/l	100
25) 2-Butanone	6.884	43	59382	237.897	ug/l	93
26) 2,2-Dichloropropane	6.878	77	63024	47.055	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	50640	48.079	ug/l	99
28) Bromochloromethane	7.238	49	32220	49.180	ug/l	98
29) Tetrahydrofuran	7.256	42	34344	233.340	ug/l	94
30) Chloroform	7.408	83	74182	48.732	ug/l	99
31) Cyclohexane	7.695	56	56098	46.250	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	66876	48.602	ug/l	97
36) 1,1-Dichloropropene	7.829	75	53961	46.467	ug/l	99
37) Ethyl Acetate	6.976	43	25817	48.639	ug/l	96
38) Carbon Tetrachloride	7.811	117	60362	45.334	ug/l	100
39) Methylcyclohexane	9.103	83	71078	45.472	ug/l	98
40) Benzene	8.073	78	164718	47.706	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	11398	47.953	ug/l	96
42) 1,2-Dichloroethane	8.146	62	41478	48.255	ug/l	98
43) Isopropyl Acetate	8.189	43	51519	47.727	ug/l #	80
44) Trichloroethene	8.859	130	44867	45.588	ug/l	94
45) 1,2-Dichloropropane	9.140	63	36283	46.963	ug/l	93
46) Dibromomethane	9.225	93	23904	47.885	ug/l	100
47) Bromodichloromethane	9.420	83	57905	49.568	ug/l #	98
48) Methyl methacrylate	9.219	41	22102	46.869	ug/l #	79
49) 1,4-Dioxane	9.219	88	5154	873.894	ug/l #	93
51) 4-Methyl-2-Pentanone	9.999	43	133841	240.412	ug/l	89
52) Toluene	10.170	92	109395	47.697	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	50914	48.873	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	59817	48.339	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	30066	49.044	ug/l	96
56) Ethyl methacrylate	10.438	69	40551	48.854	ug/l #	78
57) 1,3-Dichloropropane	10.719	76	49693	49.232	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	101790	237.871	ug/l	95
59) 2-Hexanone	10.761	43	97644	244.507	ug/l	87
60) Dibromochloromethane	10.914	129	40105	48.795	ug/l	100
61) 1,2-Dibromoethane	11.018	107	28450	48.062	ug/l	98
64) Tetrachloroethene	10.646	164	45438	47.168	ug/l	98
65) Chlorobenzene	11.444	112	121366	48.102	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	42780	48.475	ug/l	98
67) Ethyl Benzene	11.524	91	212662	48.683	ug/l	97
68) m/p-Xylenes	11.633	106	174794	97.582	ug/l	94
69) o-Xylene	11.956	106	80962	48.972	ug/l	94
70) Styrene	11.975	104	135687	49.830	ug/l	99
71) Bromoform	12.139	173	22890	49.877	ug/l #	98
73) Isopropylbenzene	12.261	105	202686	48.470	ug/l	97
74) N-amyl acetate	12.072	43	49449	51.245	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	33212	49.215	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	21654m	50.455	ug/l	
77) Bromobenzene	12.536	156	48869	50.166	ug/l	91
78) n-propylbenzene	12.603	91	239514	48.393	ug/l	97
79) 2-Chlorotoluene	12.682	91	123903	48.356	ug/l	95
80) 1,3,5-Trimethylbenzene	12.743	105	162445	49.571	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	10501	50.418	ug/l	93
82) 4-Chlorotoluene	12.786	91	129521	49.373	ug/l	93
83) tert-Butylbenzene	13.005	119	152054	49.124	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	163289	49.119	ug/l	96
85) sec-Butylbenzene	13.182	105	220291	49.134	ug/l	99
86) p-Isopropyltoluene	13.298	119	193663	49.883	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	98056	49.276	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	92913	47.878	ug/l	99
89) n-Butylbenzene	13.621	91	170767	50.112	ug/l	98
90) Hexachloroethane	13.883	117	36604	49.967	ug/l	93
91) 1,2-Dichlorobenzene	13.663	146	82176	50.227	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4449	47.927	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	45654	50.677	ug/l	99
94) Hexachlorobutadiene	15.029	225	25015	50.630	ug/l	95
95) Naphthalene	15.151	128	77001	48.012	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	37161	48.058	ug/l	99

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

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