

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019456.D
 Acq On : 09 Sep 2024 10:44
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Sep 09 15:41:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 15:39:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
 Supervised By :Semsettin Yesilyurt 09/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	665550	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	1121753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	957561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	453621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	124162	20.147	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.300%#		
35) Dibromofluoromethane	7.634	113	128968	20.278	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.560%#		
50) Toluene-d8	10.109	98	473505	20.128	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.260%#		
62) 4-Bromofluorobenzene	12.408	95	182751	20.204	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	40.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	99403	25.303	ug/l	99
3) Chloromethane	2.068	50	117711	21.377	ug/l	96
4) Vinyl Chloride	2.202	62	126602	21.262	ug/l	96
5) Bromomethane	2.599	94	72706	19.879	ug/l	98
6) Chloroethane	2.739	64	79590	20.516	ug/l	96
7) Trichlorofluoromethane	3.062	101	206614	20.816	ug/l	100
8) Diethyl Ether	3.458	74	67340	20.212	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.818	101	126671	20.630	ug/l	97
10) Methyl Iodide	4.001	142	161193	20.476	ug/l	96
11) Tert butyl alcohol	4.866	59	47589	95.618	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	119800	20.288	ug/l	86
13) Acrolein	3.653	56	33464	131.811	ug/l	98
14) Allyl chloride	4.385	41	217660	20.555	ug/l #	89
15) Acrylonitrile	5.061	53	144091	100.302	ug/l	98
16) Acetone	3.873	43	141676	96.496	ug/l	92
17) Carbon Disulfide	4.104	76	309177	19.379	ug/l	99
18) Methyl Acetate	4.379	43	74264	18.639	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	344458	20.597	ug/l	99
20) Methylene Chloride	4.610	84	136679	20.413	ug/l	90
21) trans-1,2-Dichloroethene	5.110	96	128976	19.927	ug/l	87
22) Diisopropyl ether	6.019	45	448881	20.643	ug/l	93
23) Vinyl Acetate	5.958	43	1288987	103.778	ug/l	93
24) 1,1-Dichloroethane	5.915	63	249233	20.425	ug/l	97
25) 2-Butanone	6.890	43	211780	101.419	ug/l	89
26) 2,2-Dichloropropane	6.884	77	226121	20.544	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	160242	20.382	ug/l	90
28) Bromochloromethane	7.244	49	100505	19.576	ug/l	87
29) Tetrahydrofuran	7.262	42	125544	98.882	ug/l	87
30) Chloroform	7.421	83	254025	20.393	ug/l	99
31) Cyclohexane	7.701	56	218114	19.776	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	226461	20.283	ug/l	97
36) 1,1-Dichloropropene	7.835	75	175223	20.247	ug/l	98
37) Ethyl Acetate	6.982	43	91113	20.548	ug/l	96
38) Carbon Tetrachloride	7.817	117	198006	20.289	ug/l	99
39) Methylcyclohexane	9.110	83	230822	20.042	ug/l	90
40) Benzene	8.079	78	543507	20.390	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	56708	22.033	ug/l #	80
42) 1,2-Dichloroethane	8.159	62	145710	20.315	ug/l	98
43) Isopropyl Acetate	8.195	43	191757	20.584	ug/l	91
44) Trichloroethene	8.866	130	141307	20.613	ug/l	96
45) 1,2-Dichloropropane	9.140	63	134303	20.609	ug/l	99
46) Dibromomethane	9.231	93	72823	20.435	ug/l	97
47) Bromodichloromethane	9.427	83	193440	20.193	ug/l	98
48) Methyl methacrylate	9.219	41	88240	20.058	ug/l #	86
49) 1,4-Dioxane	9.238	88	16135	384.607	ug/l #	97
51) 4-Methyl-2-Pentanone	10.000	43	479708	102.353	ug/l	92
52) Toluene	10.170	92	347634	20.278	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	186789	20.455	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	217694	20.473	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	98373	19.989	ug/l	94
56) Ethyl methacrylate	10.439	69	152995	20.466	ug/l #	83
57) 1,3-Dichloropropane	10.719	76	174365	20.612	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	348996	100.584	ug/l	98
59) 2-Hexanone	10.762	43	354675	103.222	ug/l	89
60) Dibromochloromethane	10.914	129	133200	20.461	ug/l	99
61) 1,2-Dibromoethane	11.018	107	94823	20.680	ug/l	98
64) Tetrachloroethene	10.646	164	119858	20.213	ug/l	96
65) Chlorobenzene	11.445	112	386770	20.534	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	133506	20.471	ug/l	99
67) Ethyl Benzene	11.524	91	687798	20.551	ug/l	99
68) m/p-Xylenes	11.627	106	522199	41.264	ug/l	95
69) o-Xylene	11.957	106	255394	20.636	ug/l	97
70) Styrene	11.969	104	431131	20.633	ug/l	96
71) Bromoform	12.133	173	75040	20.145	ug/l #	99
73) Isopropylbenzene	12.255	105	670980	20.389	ug/l	100
74) N-amyl acetate	12.072	43	179945	20.105	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	118390	20.268	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	92192m	12.028	ug/l	
77) Bromobenzene	12.536	156	148307	20.320	ug/l	91
78) n-propylbenzene	12.597	91	804313	20.620	ug/l	100
79) 2-Chlorotoluene	12.682	91	463988	20.412	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	552010	20.633	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	44799	20.227	ug/l	96
82) 4-Chlorotoluene	12.780	91	478747	20.486	ug/l	96
83) tert-Butylbenzene	12.999	119	498976	20.602	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	541658	20.454	ug/l	97
85) sec-Butylbenzene	13.176	105	725918	20.632	ug/l	100
86) p-Isopropyltoluene	13.292	119	598661	20.796	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	292543	20.627	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	289216	20.548	ug/l	96
89) n-Butylbenzene	13.621	91	567458	20.620	ug/l	99
90) Hexachloroethane	13.883	117	124187	20.733	ug/l	94
91) 1,2-Dichlorobenzene	13.658	146	256551	20.271	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19074	19.593	ug/l	86
93) 1,2,4-Trichlorobenzene	14.919	180	155761	20.236	ug/l	97
94) Hexachlorobutadiene	15.023	225	83391	20.280	ug/l	98
95) Naphthalene	15.145	128	304693	19.767	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	133851	20.330	ug/l	97

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

