

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019377.D
 Acq On : 29 Aug 2024 18:19
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY082924

Quant Time: Aug 30 02:54:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/30/2024
 Supervised By :Semsettin Yesilyurt 08/30/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	129737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	200946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	176210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	94854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	69554	56.601	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.200%			
35) Dibromofluoromethane	7.622	113	68470	53.894	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.780%			
50) Toluene-d8	10.103	98	209158	44.723	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.440%			
62) 4-Bromofluorobenzene	12.402	95	90140	59.591	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 119.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	44275	41.882	ug/l	96
3) Chloromethane	2.068	50	75686	44.008	ug/l	98
4) Vinyl Chloride	2.202	62	89346	45.278	ug/l	98
5) Bromomethane	2.592	94	67372	53.476	ug/l	99
6) Chloroethane	2.733	64	57052	47.472	ug/l	99
7) Trichlorofluoromethane	3.050	101	117063	50.117	ug/l	98
8) Diethyl Ether	3.446	74	28922	52.426	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.806	101	59885	45.161	ug/l	98
10) Methyl Iodide	3.995	142	63935	49.464	ug/l	94
11) Tert butyl alcohol	4.848	59	18699	269.994	ug/l #	78
12) 1,1-Dichloroethene	3.781	96	56705	46.890	ug/l	88
13) Acrolein	3.647	56	20918	258.990	ug/l	96
14) Allyl chloride	4.373	41	83423	49.965	ug/l	90
15) Acrylonitrile	5.043	53	60516	268.517	ug/l	97
16) Acetone	3.854	43	70281	290.779	ug/l #	79
17) Carbon Disulfide	4.098	76	164274	47.053	ug/l	97
18) Methyl Acetate	4.379	43	27729	51.967	ug/l	92
19) Methyl tert-butyl Ether	5.104	73	146325	53.073	ug/l	99
20) Methylene Chloride	4.604	84	65395	48.274	ug/l #	89
21) trans-1,2-Dichloroethene	5.098	96	65470	47.532	ug/l	96
22) Diisopropyl ether	6.012	45	190161	50.624	ug/l	96
23) Vinyl Acetate	5.952	43	561099	268.378	ug/l	97
24) 1,1-Dichloroethane	5.903	63	108843	47.948	ug/l	98
25) 2-Butanone	6.884	43	90286	279.267	ug/l	93
26) 2,2-Dichloropropane	6.878	77	100193	50.674	ug/l	97
27) cis-1,2-Dichloroethene	6.878	96	75792	48.057	ug/l	95
28) Bromochloromethane	7.238	49	46388	49.738	ug/l	96
29) Tetrahydrofuran	7.250	42	54724	281.717	ug/l	89
30) Chloroform	7.409	83	123312	48.526	ug/l	97
31) Cyclohexane	7.695	56	92709	44.364	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	115511	48.980	ug/l	98
36) 1,1-Dichloropropene	7.829	75	87218	48.579	ug/l	99
37) Ethyl Acetate	6.976	43	40298	56.704	ug/l	97
38) Carbon Tetrachloride	7.811	117	104250	47.642	ug/l	98
39) Methylcyclohexane	9.103	83	92844	40.327	ug/l	99
40) Benzene	8.073	78	263854	48.291	ug/l	97

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41) Methacrylonitrile	7.207	41	21518	50.208	ug/l	87
42) 1,2-Dichloroethane	8.152	62	72653	50.105	ug/l	96
43) Isopropyl Acetate	8.195	43	75195	54.217	ug/l #	82
44) Trichloroethene	8.860	130	72444	48.274	ug/l	99
45) 1,2-Dichloropropane	9.134	63	49790	42.045	ug/l	99
46) Dibromomethane	9.225	93	31195	43.792	ug/l	99
47) Bromodichloromethane	9.420	83	86036	45.733	ug/l	96
48) Methyl methacrylate	9.219	41	27495	41.932	ug/l	92
49) 1,4-Dioxane	9.231	88	6609	846.851	ug/l #	87
51) 4-Methyl-2-Pentanone	9.993	43	159476	219.587	ug/l	94
52) Toluene	10.170	92	144780	40.419	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	65521	42.167	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	78861	42.862	ug/l #	92
55) 1,1,2-Trichloroethane	10.573	97	42529	46.804	ug/l	94
56) Ethyl methacrylate	10.439	69	52713	44.656	ug/l #	88
57) 1,3-Dichloropropane	10.713	76	74870	50.438	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	127039	240.056	ug/l	95
59) 2-Hexanone	10.762	43	144182	299.378	ug/l	87
60) Dibromochloromethane	10.908	129	66154	53.400	ug/l	98
61) 1,2-Dibromoethane	11.012	107	46145	55.123	ug/l	97
64) Tetrachloroethene	10.646	164	71977	41.822	ug/l	99
65) Chlorobenzene	11.438	112	191756	48.640	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.512	131	68911	50.409	ug/l	97
67) Ethyl Benzene	11.518	91	342311	49.665	ug/l	96
68) m/p-Xylenes	11.627	106	277024	101.582	ug/l	99
69) o-Xylene	11.950	106	127683	50.266	ug/l	99
70) Styrene	11.969	104	224105	53.918	ug/l	97
71) Bromoform	12.127	173	38332	52.753	ug/l #	100
73) Isopropylbenzene	12.255	105	339102	44.835	ug/l	100
74) N-amyl acetate	12.072	43	74731	51.384	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	52352	46.573	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	37375m	44.867	ug/l	
77) Bromobenzene	12.530	156	77518	43.500	ug/l	97
78) n-propylbenzene	12.597	91	399571	43.724	ug/l	99
79) 2-Chlorotoluene	12.676	91	226965	44.580	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	276404	46.383	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	16486	48.964	ug/l #	82
82) 4-Chlorotoluene	12.773	91	240070	46.612	ug/l	100
83) tert-Butylbenzene	12.993	119	251765	46.193	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	275257	48.111	ug/l	100
85) sec-Butylbenzene	13.176	105	365834	45.799	ug/l	99
86) p-Isopropyltoluene	13.292	119	307624	47.278	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	157026	47.900	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	157405	48.122	ug/l	98
89) n-Butylbenzene	13.615	91	277556	46.426	ug/l	99
90) Hexachloroethane	13.877	117	58101	44.049	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	136109	47.041	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7780	49.612	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	73377	49.357	ug/l	97
94) Hexachlorobutadiene	15.023	225	44092	39.689	ug/l	99
95) Naphthalene	15.145	128	133310	54.765	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	63142	49.641	ug/l	99

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

