

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019372.D
 Acq On : 29 Aug 2024 15:17
 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: Aug 30 02:09:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:58:23 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	130913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	204418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	148115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	81336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	23262	18.760	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	37.520%#		
35) Dibromofluoromethane	7.628	113	23419	18.121	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	36.240%#		
50) Toluene-d8	10.103	98	85929	18.062	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	36.120%#		
62) 4-Bromofluorobenzene	12.408	95	23892	15.527	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	31.060%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	21600	20.249	ug/l	99
3) Chloromethane	2.068	50	34287	19.757	ug/l	96
4) Vinyl Chloride	2.202	62	38194	19.182	ug/l	98
5) Bromomethane	2.586	94	28859	20.157	ug/l	95
6) Chloroethane	2.727	64	24587	20.275	ug/l	99
7) Trichlorofluoromethane	3.044	101	44805	19.010	ug/l	100
8) Diethyl Ether	3.452	74	11389	20.459	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.806	101	24529	18.332	ug/l	98
10) Methyl Iodide	3.989	142	25230	19.344	ug/l	94
11) Tert butyl alcohol	4.842	59	6596m	94.384	ug/l	
12) 1,1-Dichloroethene	3.781	96	22815	18.696	ug/l	88
13) Acrolein	3.641	56	8946	109.767	ug/l	98
14) Allyl chloride	4.373	41	32309	19.177	ug/l	91
15) Acrylonitrile	5.043	53	22080	97.092	ug/l	94
16) Acetone	3.860	43	22553	92.472	ug/l #	82
17) Carbon Disulfide	4.098	76	65744	18.662	ug/l #	94
18) Methyl Acetate	4.373	43	9860	18.313	ug/l	90
19) Methyl tert-butyl Ether	5.104	73	53664	19.289	ug/l	93
20) Methylene Chloride	4.604	84	33572	18.476	ug/l #	89
21) trans-1,2-Dichloroethene	5.104	96	26625	19.157	ug/l	96
22) Diisopropyl ether	6.006	45	70364	18.564	ug/l	91
23) Vinyl Acetate	5.945	43	197995	93.852	ug/l	93
24) 1,1-Dichloroethane	5.903	63	43318	18.911	ug/l	94
25) 2-Butanone	6.884	43	29993	91.939	ug/l	88
26) 2,2-Dichloropropane	6.884	77	36462	18.275	ug/l	97
27) cis-1,2-Dichloroethene	6.878	96	29448	18.504	ug/l	96
28) Bromochloromethane	7.232	49	17259	18.339	ug/l	96
29) Tetrahydrofuran	7.256	42	18227	92.989	ug/l	92
30) Chloroform	7.409	83	48015	18.725	ug/l	100
31) Cyclohexane	7.695	56	37570	17.817	ug/l	91
32) 1,1,1-Trichloroethane	7.604	97	43323	18.205	ug/l	96
36) 1,1-Dichloropropene	7.823	75	33528	18.357	ug/l	99
37) Ethyl Acetate	6.976	43	14097	19.499	ug/l #	95
38) Carbon Tetrachloride	7.811	117	40576	18.228	ug/l	97
39) Methylcyclohexane	9.103	83	41792	17.844	ug/l	95
40) Benzene	8.073	78	102660	18.470	ug/l	96

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41) Methacrylonitrile	7.232	41	8433m	18.482	ug/l	
42) 1,2-Dichloroethane	8.152	62	27684	18.768	ug/l	97
43) Isopropyl Acetate	8.189	43	27021	19.152	ug/l #	80
44) Trichloroethene	8.860	130	27873	18.258	ug/l	98
45) 1,2-Dichloropropane	9.140	63	22097	18.343	ug/l	98
46) Dibromomethane	9.225	93	13684	18.884	ug/l	100
47) Bromodichloromethane	9.420	83	36151	18.890	ug/l #	97
48) Methyl methacrylate	9.213	41	12580	18.860	ug/l #	81
49) 1,4-Dioxane	9.225	88	3210	404.330	ug/l #	96
51) 4-Methyl-2-Pentanone	9.994	43	68282	92.422	ug/l	92
52) Toluene	10.164	92	66174	18.160	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	27365	17.312	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	34864	18.627	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	18030	19.505	ug/l	92
56) Ethyl methacrylate	10.439	69	22315	18.583	ug/l #	81
57) 1,3-Dichloropropane	10.713	76	29685	19.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	53425	99.239	ug/l	96
59) 2-Hexanone	10.762	43	47496	96.945	ug/l	86
60) Dibromochloromethane	10.914	129	24782	19.664	ug/l	94
61) 1,2-Dibromoethane	11.012	107	16095	18.900	ug/l	98
64) Tetrachloroethene	10.646	164	31216	21.578	ug/l	98
65) Chlorobenzene	11.438	112	62350	18.815	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.512	131	21575	18.776	ug/l	98
67) Ethyl Benzene	11.518	91	109004	18.815	ug/l	99
68) m/p-Xylenes	11.627	106	88235	38.492	ug/l	100
69) o-Xylene	11.951	106	37349	17.493	ug/l	100
70) Styrene	11.969	104	62999	18.032	ug/l	97
71) Bromoform	12.127	173	10735	17.576	ug/l #	99
73) Isopropylbenzene	12.255	105	101979	15.724	ug/l	99
74) N-amyl acetate	12.072	43	19061	15.284	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	16152	16.757	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	11755m	16.407	ug/l	
77) Bromobenzene	12.530	156	23518	15.391	ug/l	99
78) n-propylbenzene	12.597	91	126359	16.125	ug/l	99
79) 2-Chlorotoluene	12.676	91	76462	17.514	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	81858	16.019	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	4861	16.837	ug/l	93
82) 4-Chlorotoluene	12.780	91	74062	16.770	ug/l	100
83) tert-Butylbenzene	12.999	119	71039	15.200	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	74193	15.123	ug/l	98
85) sec-Butylbenzene	13.176	105	113901	16.629	ug/l	98
86) p-Isopropyltoluene	13.292	119	98140	17.590	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	48416	17.224	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	54005	19.255	ug/l	98
89) n-Butylbenzene	13.615	91	96568	18.837	ug/l	99
90) Hexachloroethane	13.877	117	20545	18.165	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	46883	18.896	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2722	20.931	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	25002	19.613	ug/l	97
94) Hexachlorobutadiene	15.023	225	15637	17.292	ug/l	96
95) Naphthalene	15.145	128	39708	19.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	20261	18.576	ug/l	94

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

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