

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
 Data File : VD079440.D
 Acq On : 29 Jul 2024 16:55
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 30 03:03:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 02:34:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	249934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	420134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	398894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	204962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48099	18.943	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	37.880%#		
35) Dibromofluoromethane	7.804	113	53575	18.840	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	37.680%#		
50) Toluene-d8	10.263	98	198058	17.935	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	35.880%#		
62) 4-Bromofluorobenzene	12.569	95	56465	17.670	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	35.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	37839	19.322	ug/l	100
3) Chloromethane	2.146	50	71087	19.701	ug/l	99
4) Vinyl Chloride	2.275	62	83920	19.561	ug/l	98
5) Bromomethane	2.669	94	58239	19.922	ug/l	95
6) Chloroethane	2.822	64	51445	18.661	ug/l	96
7) Trichlorofluoromethane	3.164	101	83023	19.459	ug/l	97
8) Diethyl Ether	3.593	74	25769	19.994	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.964	101	51945	19.250	ug/l	100
10) Methyl Iodide	4.158	142	57652	19.100	ug/l	98
11) Tert butyl alcohol	5.058	59	14663	125.812	ug/l #	82
12) 1,1-Dichloroethene	3.934	96	51274	18.987	ug/l	96
13) Acrolein	3.793	56	24949	136.307	ug/l	100
14) Allyl chloride	4.558	41	65315	18.316	ug/l	90
15) Acrylonitrile	5.246	53	61479	102.082	ug/l	97
16) Acetone	4.016	43	44716	90.619	ug/l	99
17) Carbon Disulfide	4.263	76	170288	19.103	ug/l	99
18) Methyl Acetate	4.558	43	32689	21.337	ug/l #	86
19) Methyl tert-butyl Ether	5.311	73	109500	19.865	ug/l	95
20) Methylene Chloride	4.799	84	99814	18.363	ug/l #	87
21) trans-1,2-Dichloroethene	5.311	96	58373	19.242	ug/l	91
22) Diisopropyl ether	6.210	45	156738	19.755	ug/l #	89
23) Vinyl Acetate	6.152	43	595856	99.903	ug/l #	92
24) 1,1-Dichloroethane	6.105	63	102544	19.286	ug/l	97
25) 2-Butanone	7.081	43	65887	94.181	ug/l	96
26) 2,2-Dichloropropane	7.069	77	77689	18.064	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	66276	19.113	ug/l	89
28) Bromochloromethane	7.422	49	46147	19.792	ug/l #	76
29) Tetrahydrofuran	7.446	42	43687	100.766	ug/l #	83
30) Chloroform	7.593	83	107659	19.994	ug/l	99
31) Cyclohexane	7.875	56	77442	18.365	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	86942	19.568	ug/l	97
36) 1,1-Dichloropropene	8.010	75	70911	18.270	ug/l	99
37) Ethyl Acetate	7.169	43	30993	19.476	ug/l	99
38) Carbon Tetrachloride	7.987	117	78655	19.277	ug/l	99
39) Methylcyclohexane	9.269	83	81393	17.576	ug/l	88
40) Benzene	8.246	78	233079	18.907	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16480	18.827	ug/l	89
42) 1,2-Dichloroethane	8.322	62	58236	19.824	ug/l	96
43) Isopropyl Acetate	8.357	43	59821	20.002	ug/l	94
44) Trichloroethene	9.028	130	57776	18.827	ug/l	94
45) 1,2-Dichloropropane	9.304	63	57979	19.326	ug/l	99
46) Dibromomethane	9.393	93	33441	20.107	ug/l	98
47) Bromodichloromethane	9.581	83	79230	19.401	ug/l	95
48) Methyl methacrylate	9.381	41	25119	18.767	ug/l	91
49) 1,4-Dioxane	9.387	88	6779	393.366	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	158547	103.833	ug/l	93
52) Toluene	10.328	92	145541	19.089	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	73341	19.448	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	87356	19.257	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	45777	20.895	ug/l	95
56) Ethyl methacrylate	10.593	69	49194	18.951	ug/l	90
57) 1,3-Dichloropropane	10.875	76	73344	19.701	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	107074	89.440	ug/l	92
59) 2-Hexanone	10.922	43	105289	98.870	ug/l	95
60) Dibromochloromethane	11.069	129	57831	20.207	ug/l	97
61) 1,2-Dibromoethane	11.175	107	40474	19.720	ug/l	92
64) Tetrachloroethene	10.810	164	50607	18.815	ug/l	93
65) Chlorobenzene	11.604	112	165242	18.707	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	56171	19.328	ug/l	99
67) Ethyl Benzene	11.681	91	261261	18.068	ug/l	97
68) m/p-Xylenes	11.793	106	212239	36.995	ug/l	93
69) o-Xylene	12.116	106	96316	18.316	ug/l	89
70) Styrene	12.134	104	175526	19.040	ug/l	96
71) Bromoform	12.298	173	32390	19.715	ug/l #	95
73) Isopropylbenzene	12.416	105	242140	18.257	ug/l	99
74) N-amyl acetate	12.234	43	58057	19.258	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	52143	19.583	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	38785m	21.569	ug/l	
77) Bromobenzene	12.698	156	63916	18.598	ug/l	91
78) n-propylbenzene	12.763	91	305254	17.817	ug/l	98
79) 2-Chlorotoluene	12.845	91	173643	18.202	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	203162	17.794	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	18470	19.663	ug/l	96
82) 4-Chlorotoluene	12.945	91	187394	18.843	ug/l	97
83) tert-Butylbenzene	13.163	119	175700	18.362	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	211644	18.775	ug/l	100
85) sec-Butylbenzene	13.339	105	270803	17.832	ug/l	100
86) p-Isopropyltoluene	13.457	119	227489	18.486	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	132031	18.546	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	127973	18.285	ug/l	95
89) n-Butylbenzene	13.787	91	207792	18.257	ug/l	99
90) Hexachloroethane	14.051	117	48105	18.111	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	115694	19.015	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7082	19.989	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	69905	18.236	ug/l	98
94) Hexachlorobutadiene	15.198	225	37233	17.996	ug/l	97
95) Naphthalene	15.328	128	123868	18.669	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	62162	18.435	ug/l	95

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

