

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072524\
 Data File : VD079401.D
 Acq On : 25 Jul 2024 11:40
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 26 05:58:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 05:56:15 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/26/2024
 Supervised By :Semsettin Yesilyurt 07/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	189524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	339645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	316340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	155861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41961	21.353	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	42.700%#		
35) Dibromofluoromethane	7.804	113	45781	21.073	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	42.140%#		
50) Toluene-d8	10.263	98	168270	20.709	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	41.420%#		
62) 4-Bromofluorobenzene	12.575	95	51179	20.643	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	26218	15.887	ug/l	98
3) Chloromethane	2.140	50	13371	16.903	ug/l	93
4) Vinyl Chloride	2.275	62	12880	18.009	ug/l	98
5) Bromomethane	2.669	94	19276	34.994	ug/l	98
6) Chloroethane	2.828	64	11495	34.057	ug/l	92
7) Trichlorofluoromethane	3.169	101	70523	19.517	ug/l	100
8) Diethyl Ether	3.593	74	19952	19.250	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.969	101	46757	19.606	ug/l	96
10) Methyl Iodide	4.158	142	48391	18.539	ug/l	96
11) Tert butyl alcohol	5.052	59	12150m	126.703	ug/l	
12) 1,1-Dichloroethene	3.934	96	42702	19.296	ug/l	91
13) Acrolein	3.793	56	19269	110.525	ug/l	98
14) Allyl chloride	4.563	41	52624	20.217	ug/l	88
15) Acrylonitrile	5.246	53	47422	100.318	ug/l	99
16) Acetone	4.022	43	33844	95.867	ug/l	89
17) Carbon Disulfide	4.263	76	146268	19.606	ug/l	99
18) Methyl Acetate	4.569	43	23391	21.798	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	88789	19.563	ug/l	98
20) Methylene Chloride	4.793	84	77199	20.843	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	48429	19.519	ug/l	90
22) Diisopropyl ether	6.216	45	122248	20.805	ug/l	90
23) Vinyl Acetate	6.157	43	456401	102.887	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	85480	20.067	ug/l	97
25) 2-Butanone	7.081	43	51108	95.463	ug/l	93
26) 2,2-Dichloropropane	7.069	77	70938	19.501	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	54562	18.900	ug/l	86
28) Bromochloromethane	7.422	49	36925	21.079	ug/l #	77
29) Tetrahydrofuran	7.446	42	33841	101.546	ug/l	85
30) Chloroform	7.599	83	92041	19.774	ug/l	98
31) Cyclohexane	7.881	56	67828	19.298	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	78256	20.102	ug/l	99
36) 1,1-Dichloropropene	8.010	75	62831	19.655	ug/l	95
37) Ethyl Acetate	7.163	43	24554	20.512	ug/l	99
38) Carbon Tetrachloride	7.993	117	69252	19.784	ug/l	95
39) Methylcyclohexane	9.269	83	73018	19.051	ug/l	88
40) Benzene	8.251	78	199365	19.723	ug/l #	89

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41) Methacrylonitrile	7.399	41	12617	19.184	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	49162	20.066	ug/l	96
43) Isopropyl Acetate	8.357	43	44506	19.610	ug/l	97
44) Trichloroethene	9.028	130	47406	19.640	ug/l	84
45) 1,2-Dichloropropane	9.304	63	48266	19.780	ug/l	99
46) Dibromomethane	9.393	93	29473	20.560	ug/l	91
47) Bromodichloromethane	9.581	83	67933	19.491	ug/l	99
48) Methyl methacrylate	9.381	41	21334	20.299	ug/l	87
49) 1,4-Dioxane	9.387	88	5286	396.412	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	119178	98.585	ug/l	96
52) Toluene	10.334	92	121295	19.567	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	60857	19.779	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	71929	19.329	ug/l	93
55) 1,1,2-Trichloroethane	10.728	97	37871	20.297	ug/l	96
56) Ethyl methacrylate	10.593	69	40123	18.818	ug/l	96
57) 1,3-Dichloropropane	10.875	76	61096	19.533	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	88717	99.498	ug/l	91
59) 2-Hexanone	10.916	43	83587	99.786	ug/l	95
60) Dibromochloromethane	11.069	129	48470	20.220	ug/l	98
61) 1,2-Dibromoethane	11.175	107	35905	19.970	ug/l	98
64) Tetrachloroethene	10.810	164	40361	20.123	ug/l	91
65) Chlorobenzene	11.604	112	137340	19.961	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	46805	19.608	ug/l	97
67) Ethyl Benzene	11.681	91	220364	19.280	ug/l	100
68) m/p-Xylenes	11.792	106	181596	40.225	ug/l	91
69) o-Xylene	12.116	106	77836	19.217	ug/l	85
70) Styrene	12.134	104	144689	20.147	ug/l	94
71) Bromoform	12.298	173	24406	18.951	ug/l #	92
73) Isopropylbenzene	12.416	105	207453	19.430	ug/l	97
74) N-amyl acetate	12.228	43	44118	20.193	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	44380	20.152	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	27063m	14.395	ug/l	
77) Bromobenzene	12.698	156	50639	20.196	ug/l	83
78) n-propylbenzene	12.757	91	265740	19.836	ug/l	95
79) 2-Chlorotoluene	12.845	91	153501	19.911	ug/l	90
80) 1,3,5-Trimethylbenzene	12.898	105	180827	20.147	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	14889	20.556	ug/l	99
82) 4-Chlorotoluene	12.945	91	161102	20.172	ug/l	93
83) tert-Butylbenzene	13.163	119	143756	19.141	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	182447	20.143	ug/l	95
85) sec-Butylbenzene	13.339	105	232439	19.850	ug/l	97
86) p-Isopropyltoluene	13.457	119	189531	19.873	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	104630	19.940	ug/l	94
88) 1,4-Dichlorobenzene	13.534	146	104260	19.694	ug/l	95
89) n-Butylbenzene	13.786	91	181314	19.590	ug/l	97
90) Hexachloroethane	14.051	117	40730	18.746	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	90776	19.929	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.439	75	5602	19.214	ug/l	89
93) 1,2,4-Trichlorobenzene	15.092	180	46697	18.825	ug/l	96
94) Hexachlorobutadiene	15.198	225	28906	20.242	ug/l	92
95) Naphthalene	15.328	128	89494	18.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	41361	18.716	ug/l	99

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

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