

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079748.D
 Acq On : 30 Aug 2024 11:03
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024

Quant Time: Aug 30 14:29:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 13:02:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	124206	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	247622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	15738	9.293	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	18.580%#		
35) Dibromofluoromethane	7.804	113	15079	9.369	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.740%#		
50) Toluene-d8	10.269	98	63534	9.204	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	18.400%#		
62) 4-Bromofluorobenzene	12.569	95	16873	8.736	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	17.480%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	16266	10.906	ug/l	98
3) Chloromethane	2.146	50	33104	10.655	ug/l	96
4) Vinyl Chloride	2.281	62	38647	10.325	ug/l	99
5) Bromomethane	2.693	94	28251	10.903	ug/l	97
6) Chloroethane	2.834	64	26674	10.511	ug/l	98
7) Trichlorofluoromethane	3.175	101	31016	10.977	ug/l	86
8) Diethyl Ether	3.599	74	8708	9.714	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.958	101	16701	10.557	ug/l	90
10) Methyl Iodide	4.163	142	16727	9.176	ug/l	93
11) Tert butyl alcohol	5.058	59	4047m	47.800	ug/l	
12) 1,1-Dichloroethene	3.940	96	16683	10.044	ug/l	95
13) Acrolein	3.799	56	8459	51.952	ug/l	98
14) Allyl chloride	4.563	41	23692	9.682	ug/l	87
15) Acrylonitrile	5.252	53	18415	45.557	ug/l	93
16) Acetone	4.016	43	17837	50.754	ug/l #	84
17) Carbon Disulfide	4.269	76	63763	10.498	ug/l #	95
18) Methyl Acetate	4.575	43	10073	9.999	ug/l #	78
19) Methyl tert-butyl Ether	5.322	73	32640	8.979	ug/l	91
20) Methylene Chloride	4.805	84	27334	10.904	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	18651	10.117	ug/l	92
22) Diisopropyl ether	6.216	45	48079	9.336	ug/l #	92
23) Vinyl Acetate	6.152	43	129554	49.948	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	34588	10.271	ug/l	92
25) 2-Butanone	7.087	43	22266	47.491	ug/l	89
26) 2,2-Dichloropropane	7.081	77	27140	10.358	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	20709	9.795	ug/l	89
28) Bromochloromethane	7.428	49	14957	9.993	ug/l #	67
29) Tetrahydrofuran	7.446	42	12581	43.383	ug/l	88
30) Chloroform	7.593	83	34801	10.410	ug/l	97
31) Cyclohexane	7.881	56	27415	9.683	ug/l #	94
32) 1,1,1-Trichloroethane	7.793	97	28631	10.282	ug/l	95
36) 1,1-Dichloropropene	8.010	75	23971	10.048	ug/l	91
37) Ethyl Acetate	7.163	43	8717	8.269	ug/l	97
38) Carbon Tetrachloride	7.993	117	25730	10.113	ug/l	96
39) Methylcyclohexane	9.269	83	26987	9.289	ug/l	90
40) Benzene	8.246	78	79109	9.943	ug/l	96

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41) Methacrylonitrile	7.399	41	5543	9.188	ug/l	85
42) 1,2-Dichloroethane	8.328	62	20381	10.445	ug/l	96
43) Isopropyl Acetate	8.357	43	18243	9.276	ug/l #	96
44) Trichloroethene	9.028	130	16708	9.840	ug/l	94
45) 1,2-Dichloropropane	9.304	63	19472	10.138	ug/l	98
46) Dibromomethane	9.398	93	9748	9.595	ug/l	88
47) Bromodichloromethane	9.581	83	25061	9.877	ug/l	94
48) Methyl methacrylate	9.375	41	8647	9.109	ug/l #	79
49) 1,4-Dioxane	9.387	88	1933	189.375	ug/l #	62
51) 4-Methyl-2-Pentanone	10.157	43	45197	43.994	ug/l	91
52) Toluene	10.328	92	45767	9.511	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	23134	9.672	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	27065	9.499	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	12670	9.533	ug/l	92
56) Ethyl methacrylate	10.598	69	15028	9.024	ug/l	88
57) 1,3-Dichloropropane	10.875	76	23491	9.804	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.863	63	31938	46.675	ug/l	89
59) 2-Hexanone	10.916	43	30908	56.025	ug/l	92
60) Dibromochloromethane	11.069	129	16184	9.899	ug/l	97
61) 1,2-Dibromoethane	11.181	107	11828	10.154	ug/l	99
64) Tetrachloroethene	10.810	164	13774	10.380	ug/l	94
65) Chlorobenzene	11.604	112	49432	9.862	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	15543	9.440	ug/l	97
67) Ethyl Benzene	11.681	91	81262	9.196	ug/l	97
68) m/p-Xylenes	11.787	106	62557	18.442	ug/l	88
69) o-Xylene	12.116	106	29300	9.268	ug/l	91
70) Styrene	12.134	104	50311	9.117	ug/l	97
71) Bromoform	12.292	173	8183	9.910	ug/l #	100
73) Isopropylbenzene	12.416	105	73268	9.305	ug/l	97
74) N-amyl acetate	12.234	43	17035	9.102	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.675	83	15053	9.959	ug/l	93
76) 1,2,3-Trichloropropane	12.722	75	7430m	7.534	ug/l	
77) Bromobenzene	12.698	156	16863	9.622	ug/l	77
78) n-propylbenzene	12.763	91	92575	9.514	ug/l	95
79) 2-Chlorotoluene	12.845	91	52074	9.607	ug/l	89
80) 1,3,5-Trimethylbenzene	12.898	105	58449	8.929	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	5421	9.562	ug/l	97
82) 4-Chlorotoluene	12.945	91	54807	9.708	ug/l	96
83) tert-Butylbenzene	13.163	119	51478	9.463	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	60425	8.948	ug/l	98
85) sec-Butylbenzene	13.339	105	78704	9.463	ug/l	98
86) p-Isopropyltoluene	13.457	119	63360	11.112	ug/l	98
87) 1,3-Dichlorobenzene	13.451	146	35738	9.499	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	38293	10.180	ug/l	96
89) n-Butylbenzene	13.786	91	60228	9.039	ug/l	98
90) Hexachloroethane	14.051	117	14260	10.140	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	32171	9.985	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1971	8.931	ug/l	79
93) 1,2,4-Trichlorobenzene	15.092	180	16166	9.135	ug/l	95
94) Hexachlorobutadiene	15.198	225	7886	9.267	ug/l	94
95) Naphthalene	15.328	128	32344	9.007	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	13751	8.893	ug/l	98

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

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