

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080021.D
 Acq On : 15 Nov 2024 10:31
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Nov 15 16:09:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:08:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/18/2024
 Supervised By :Semsettin Yesilyurt 11/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	178175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	287986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	263426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	18952	10.331	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.660%#		
35) Dibromofluoromethane	7.804	113	20553	10.723	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.440%#		
50) Toluene-d8	10.269	98	71954	9.961	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.920%#		
62) 4-Bromofluorobenzene	12.575	95	22552	9.515	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.040%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	13842	9.680	ug/l	97
3) Chloromethane	2.146	50	12401	11.793	ug/l	89
4) Vinyl Chloride	2.287	62	13900	11.578	ug/l	93
5) Bromomethane	2.693	94	17750	13.111	ug/l	99
6) Chloroethane	2.846	64	11012	12.832	ug/l	92
7) Trichlorofluoromethane	3.181	101	32750	11.106	ug/l	94
8) Diethyl Ether	3.599	74	8996	10.451	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	20048	10.884	ug/l	97
10) Methyl Iodide	4.163	142	20009	8.776	ug/l	94
11) Tert butyl alcohol	5.052	59	5055	52.729	ug/l	97
12) 1,1-Dichloroethene	3.946	96	19251	10.427	ug/l	87
13) Acrolein	3.793	56	10204	55.704	ug/l	99
14) Allyl chloride	4.569	41	25997	9.934	ug/l	95
15) Acrylonitrile	5.263	53	19646	51.375	ug/l	99
16) Acetone	4.022	43	20727	52.074	ug/l	92
17) Carbon Disulfide	4.275	76	63880	10.745	ug/l	100
18) Methyl Acetate	4.563	43	8941	10.128	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	37661	9.999	ug/l	90
20) Methylene Chloride	4.805	84	22377	10.474	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	20646	10.116	ug/l	96
22) Diisopropyl ether	6.222	45	52123	9.835	ug/l #	98
23) Vinyl Acetate	6.157	43	142667	46.988	ug/l	98
24) 1,1-Dichloroethane	6.110	63	37065	10.516	ug/l	97
25) 2-Butanone	7.087	43	25198	48.445	ug/l	97
26) 2,2-Dichloropropane	7.075	77	31976	10.437	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	23130	9.875	ug/l	98
28) Bromochloromethane	7.422	49	17639	11.245	ug/l #	97
29) Tetrahydrofuran	7.451	42	13995	49.120	ug/l	98
30) Chloroform	7.598	83	40716	10.965	ug/l	94
31) Cyclohexane	7.881	56	30954	10.362	ug/l #	89
32) 1,1,1-Trichloroethane	7.793	97	33127	10.424	ug/l	98
36) 1,1-Dichloropropene	8.010	75	26012	9.925	ug/l	98
37) Ethyl Acetate	7.169	43	11927	10.588	ug/l #	92
38) Carbon Tetrachloride	7.993	117	29687	10.368	ug/l	89
39) Methylcyclohexane	9.269	83	29657	9.505	ug/l	93
40) Benzene	8.251	78	82374	10.084	ug/l	95

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41) Methacrylonitrile	7.404	41	6209	4.557	ug/l	94
42) 1,2-Dichloroethane	8.322	62	22011	10.411	ug/l	96
43) Isopropyl Acetate	8.357	43	20152	9.869	ug/l #	89
44) Trichloroethene	9.028	130	22404	10.598	ug/l	91
45) 1,2-Dichloropropane	9.304	63	19870	10.121	ug/l	99
46) Dibromomethane	9.398	93	12139	10.631	ug/l	97
47) Bromodichloromethane	9.587	83	29028	10.156	ug/l	93
48) Methyl methacrylate	9.387	41	9439	9.682	ug/l	96
49) 1,4-Dioxane	9.375	88	1935	184.728	ug/l #	90
51) 4-Methyl-2-Pentanone	10.157	43	47364	45.717	ug/l	98
52) Toluene	10.334	92	49756	9.801	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	25333	9.943	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	28831	9.558	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	15900	10.525	ug/l	94
56) Ethyl methacrylate	10.598	69	16022	9.121	ug/l #	94
57) 1,3-Dichloropropane	10.881	76	25080	10.205	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.869	63	29009	43.662	ug/l	98
59) 2-Hexanone	10.922	43	35730	46.887	ug/l	99
60) Dibromochloromethane	11.075	129	20069	10.321	ug/l	96
61) 1,2-Dibromoethane	11.175	107	14443	10.140	ug/l	97
64) Tetrachloroethene	10.810	164	19229	10.250	ug/l	94
65) Chlorobenzene	11.604	112	58061	10.104	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	20899	10.448	ug/l	96
67) Ethyl Benzene	11.681	91	90326	9.368	ug/l	97
68) m/p-Xylenes	11.792	106	72455	19.228	ug/l	96
69) o-Xylene	12.122	106	31339	9.252	ug/l	100
70) Styrene	12.134	104	56244	9.303	ug/l	99
71) Bromoform	12.304	173	11693	9.915	ug/l #	99
73) Isopropylbenzene	12.422	105	85547	9.593	ug/l	98
74) N-amyl acetate	12.234	43	18256	9.291	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	18144	10.587	ug/l	93
76) 1,2,3-Trichloropropane	12.716	75	13718m	6.474	ug/l	
77) Bromobenzene	12.698	156	22784	9.832	ug/l	99
78) n-propylbenzene	12.763	91	103220	9.366	ug/l	97
79) 2-Chlorotoluene	12.845	91	61833	9.568	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	69449	9.202	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	5550	9.303	ug/l	93
82) 4-Chlorotoluene	12.945	91	67897	9.828	ug/l	96
83) tert-Butylbenzene	13.169	119	59728	9.138	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	71367	9.413	ug/l	99
85) sec-Butylbenzene	13.345	105	90478	9.365	ug/l	97
86) p-Isopropyltoluene	13.457	119	74836	9.164	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	45718	9.742	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	48934	10.383	ug/l	98
89) n-Butylbenzene	13.786	91	72926	9.492	ug/l	98
90) Hexachloroethane	14.051	117	17927	10.240	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	41526	10.148	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3003	11.588	ug/l	86
93) 1,2,4-Trichlorobenzene	15.098	180	23795	9.273	ug/l	98
94) Hexachlorobutadiene	15.204	225	13622	9.823	ug/l	95
95) Naphthalene	15.328	128	39060	8.962	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.522	180	21630	9.599	ug/l	96

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

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