

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080024.D
 Acq On : 15 Nov 2024 11:51
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 15 16:10:27 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	7.875	168	213987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	334359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	305672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	161470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	215523	97.823	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 195.640%#			
35) Dibromofluoromethane	7.804	113	219736	98.746	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 197.500%#			
50) Toluene-d8	10.269	98	871600	103.923	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 207.840%#			
62) 4-Bromofluorobenzene	12.569	95	292418	106.269	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 212.540%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	169485	98.686	ug/l	98
3) Chloromethane	2.146	50	120374	95.311	ug/l	96
4) Vinyl Chloride	2.287	62	141364	98.044	ug/l	93
5) Bromomethane	2.687	94	148540	108.149	ug/l	99
6) Chloroethane	2.834	64	107437	104.245	ug/l	97
7) Trichlorofluoromethane	3.175	101	352620	99.570	ug/l	97
8) Diethyl Ether	3.593	74	110272	106.666	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	213116	96.333	ug/l	97
10) Methyl Iodide	4.163	142	313697	114.559	ug/l	96
11) Tert butyl alcohol	5.058	59	55887	485.400	ug/l #	87
12) 1,1-Dichloroethene	3.946	96	222161	100.193	ug/l	94
13) Acrolein	3.799	56	114581	520.823	ug/l	99
14) Allyl chloride	4.563	41	333079	105.973	ug/l	97
15) Acrylonitrile	5.257	53	242417	527.834	ug/l	99
16) Acetone	4.022	43	282176	590.285	ug/l	95
17) Carbon Disulfide	4.269	76	726481	101.750	ug/l	98
18) Methyl Acetate	4.563	43	109084	102.891	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	494834	109.391	ug/l	96
20) Methylene Chloride	4.799	84	248753	96.944	ug/l	97
21) trans-1,2-Dichloroethene	5.310	96	247853	101.113	ug/l	94
22) Diisopropyl ether	6.216	45	664677	104.433	ug/l	98
23) Vinyl Acetate	6.152	43	2000852	548.704	ug/l	100
24) 1,1-Dichloroethane	6.116	63	416823	98.467	ug/l	98
25) 2-Butanone	7.081	43	331025	529.910	ug/l	98
26) 2,2-Dichloropropane	7.075	77	350945	95.376	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	288934	102.713	ug/l	97
28) Bromochloromethane	7.428	49	172243	91.433	ug/l #	94
29) Tetrahydrofuran	7.446	42	185474	542.033	ug/l	99
30) Chloroform	7.599	83	430697	96.575	ug/l	99
31) Cyclohexane	7.881	56	347253	96.789	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	369773	96.887	ug/l	99
36) 1,1-Dichloropropene	8.010	75	307357	101.011	ug/l	99
37) Ethyl Acetate	7.163	43	135547	103.638	ug/l	98
38) Carbon Tetrachloride	7.993	117	322998	97.157	ug/l	96
39) Methylcyclohexane	9.275	83	389740	107.583	ug/l	98
40) Benzene	8.251	78	962021	101.430	ug/l	100

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41) Methacrylonitrile	7.399	41	72210	45.650	ug/l	98
42) 1,2-Dichloroethane	8.328	62	245353	99.958	ug/l	98
43) Isopropyl Acetate	8.357	43	249535	105.250	ug/l	98
44) Trichloroethene	9.028	130	241612	98.445	ug/l	98
45) 1,2-Dichloropropane	9.304	63	228930	100.439	ug/l	99
46) Dibromomethane	9.393	93	132059	99.612	ug/l	97
47) Bromodichloromethane	9.587	83	329294	99.233	ug/l	98
48) Methyl methacrylate	9.381	41	122491	108.222	ug/l	97
49) 1,4-Dioxane	9.387	88	26852	2207.934	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	659252	548.072	ug/l	100
52) Toluene	10.334	92	619581	105.120	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	310735	105.046	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	367453	104.923	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	174957	99.751	ug/l	98
56) Ethyl methacrylate	10.598	69	234226	114.843	ug/l	95
57) 1,3-Dichloropropane	10.875	76	290227	101.719	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	432592	560.800	ug/l	97
59) 2-Hexanone	10.916	43	496488	561.155	ug/l	96
60) Dibromochloromethane	11.075	129	229588	101.696	ug/l	99
61) 1,2-Dibromoethane	11.175	107	170888	103.337	ug/l	100
64) Tetrachloroethene	10.810	164	215063	98.797	ug/l	98
65) Chlorobenzene	11.604	112	669342	100.383	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	234719	101.126	ug/l	98
67) Ethyl Benzene	11.681	91	1201503	107.390	ug/l	97
68) m/p-Xylenes	11.792	106	936727	214.234	ug/l	99
69) o-Xylene	12.122	106	440333	112.033	ug/l	94
70) Styrene	12.134	104	769949	109.754	ug/l	99
71) Bromoform	12.298	173	135759	99.202	ug/l #	100
73) Isopropylbenzene	12.422	105	1118214	107.387	ug/l	100
74) N-amyl acetate	12.234	43	249128	108.581	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	197534	98.708	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	133250m	53.854	ug/l	
77) Bromobenzene	12.698	156	276526	102.186	ug/l	97
78) n-propylbenzene	12.763	91	1365890	106.140	ug/l	99
79) 2-Chlorotoluene	12.845	91	787564	104.361	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	949326	107.721	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	74312	106.669	ug/l	96
82) 4-Chlorotoluene	12.945	91	832316	103.168	ug/l	98
83) tert-Butylbenzene	13.163	119	829100	108.627	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	965843	109.097	ug/l	100
85) sec-Butylbenzene	13.345	105	1221229	108.246	ug/l	98
86) p-Isopropyltoluene	13.457	119	1047476	109.841	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	560219	102.233	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	546394	99.281	ug/l	97
89) n-Butylbenzene	13.786	91	975494	108.731	ug/l	98
90) Hexachloroethane	14.051	117	204284	99.928	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	484966	101.494	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	30992	102.416	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	323341	107.913	ug/l	100
94) Hexachlorobutadiene	15.204	225	172695	106.640	ug/l	99
95) Naphthalene	15.328	128	577937	113.557	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	281865	107.120	ug/l	100

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

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