

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080015.D
 Acq On : 14 Nov 2024 19:49
 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 05:56:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 05:52:29 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	227638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	354140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	325872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	176457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	207566	88.950	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 177.900%#			
35) Dibromofluoromethane	7.810	113	215046	90.832	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 181.660%#			
50) Toluene-d8	10.269	98	845419	94.384	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 188.760%#			
62) 4-Bromofluorobenzene	12.575	95	282236	93.939	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 187.880%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	157159	83.047	ug/l	97
3) Chloromethane	2.152	50	122026	87.782	ug/l	93
4) Vinyl Chloride	2.287	62	136246	83.617	ug/l	96
5) Bromomethane	2.687	94	137625	69.718	ug/l	100
6) Chloroethane	2.840	64	90515	81.878	ug/l	95
7) Trichlorofluoromethane	3.175	101	321011	82.293	ug/l	90
8) Diethyl Ether	3.593	74	107991	100.167	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	207655	84.343	ug/l	99
10) Methyl Iodide	4.163	142	287677	94.674	ug/l	99
11) Tert butyl alcohol	5.058	59	53743	447.331	ug/l #	85
12) 1,1-Dichloroethene	3.940	96	216968	91.839	ug/l	95
13) Acrolein	3.799	56	125521	570.898	ug/l	99
14) Allyl chloride	4.563	41	318947	99.578	ug/l	98
15) Acrylonitrile	5.258	53	235465	510.642	ug/l	99
16) Acetone	4.022	43	323382	513.022	ug/l	99
17) Carbon Disulfide	4.275	76	700569	90.005	ug/l	100
18) Methyl Acetate	4.563	43	106769	98.111	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	480732	101.520	ug/l	99
20) Methylene Chloride	4.805	84	250052	86.025	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	242989	91.803	ug/l	97
22) Diisopropyl ether	6.222	45	655948	97.366	ug/l	97
23) Vinyl Acetate	6.157	43	1948609	514.468	ug/l	99
24) 1,1-Dichloroethane	6.110	63	407199	89.970	ug/l	97
25) 2-Butanone	7.081	43	360034	514.602	ug/l	97
26) 2,2-Dichloropropane	7.081	77	347740	85.905	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	283175	93.134	ug/l	99
28) Bromochloromethane	7.428	49	192869	95.013	ug/l	99
29) Tetrahydrofuran	7.446	42	180129	493.011	ug/l	98
30) Chloroform	7.599	83	431094	85.836	ug/l	98
31) Cyclohexane	7.881	56	333447	87.060	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	360229	85.928	ug/l	100
36) 1,1-Dichloropropene	8.010	75	303389	87.813	ug/l	99
37) Ethyl Acetate	7.169	43	130465	90.924	ug/l	97
38) Carbon Tetrachloride	7.993	117	314177	82.808	ug/l	91
39) Methylcyclohexane	9.275	83	367349	91.163	ug/l	97
40) Benzene	8.251	78	949953	89.004	ug/l	99

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41) Methacrylonitrile	7.404	41	76720	96.305	ug/l	94
42) 1,2-Dichloroethane	8.328	62	242536	86.742	ug/l	100
43) Isopropyl Acetate	8.363	43	242475	92.996	ug/l	99
44) Trichloroethene	9.028	130	241045	87.573	ug/l	95
45) 1,2-Dichloropropane	9.304	63	228088	89.802	ug/l	96
46) Dibromomethane	9.393	93	134444	90.065	ug/l	99
47) Bromodichloromethane	9.587	83	325889	87.091	ug/l	95
48) Methyl methacrylate	9.381	41	117113	100.497	ug/l	99
49) 1,4-Dioxane	9.387	88	27994	1968.303	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	637277	485.000	ug/l	99
52) Toluene	10.334	92	616844	92.811	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	303989	93.699	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	363193	93.418	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	170740	85.664	ug/l	97
56) Ethyl methacrylate	10.598	69	228662	100.907	ug/l	99
57) 1,3-Dichloropropane	10.881	76	289077	89.715	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	452869	559.630	ug/l	100
59) 2-Hexanone	10.922	43	528686	524.307	ug/l	99
60) Dibromochloromethane	11.075	129	235025	89.036	ug/l	97
61) 1,2-Dibromoethane	11.181	107	168291	89.950	ug/l	100
64) Tetrachloroethene	10.810	164	220152	89.506	ug/l	97
65) Chlorobenzene	11.604	112	670292	89.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	233621	88.018	ug/l	98
67) Ethyl Benzene	11.681	91	1177961	95.323	ug/l	100
68) m/p-Xylenes	11.792	106	926258	190.083	ug/l	99
69) o-Xylene	12.122	106	429993	97.168	ug/l	100
70) Styrene	12.134	104	763058	96.990	ug/l	99
71) Bromoform	12.298	173	133968	89.391	ug/l #	98
73) Isopropylbenzene	12.422	105	1081697	93.315	ug/l	99
74) N-amyl acetate	12.234	43	237673	96.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	194365	86.720	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	129018m	85.749	ug/l	
77) Bromobenzene	12.698	156	277137	90.798	ug/l	96
78) n-propylbenzene	12.763	91	1332748	92.910	ug/l	99
79) 2-Chlorotoluene	12.845	91	774118	90.796	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	923689	94.208	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	71380	91.750	ug/l	100
82) 4-Chlorotoluene	12.945	91	812011	89.689	ug/l	99
83) tert-Butylbenzene	13.163	119	801892	94.781	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	950637	95.373	ug/l	99
85) sec-Butylbenzene	13.345	105	1165410	91.962	ug/l	100
86) p-Isopropyltoluene	13.457	119	1013231	94.237	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	551352	87.299	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	537021	84.455	ug/l	100
89) n-Butylbenzene	13.786	91	931105	93.155	ug/l	99
90) Hexachloroethane	14.051	117	201104	85.778	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	478970	86.753	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	28468	83.194	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	311311	91.985	ug/l	100
94) Hexachlorobutadiene	15.198	225	159481	85.867	ug/l	99
95) Naphthalene	15.328	128	569973	100.027	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	273965	93.074	ug/l	99

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

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