

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080016.D
 Acq On : 14 Nov 2024 20:16
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 15 05:57:50 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	7.875	168	226312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	341604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	319279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	345148	148.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	297.560%#
35) Dibromofluoromethane	7.805	113	361322	158.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	316.440%#
50) Toluene-d8	10.269	98	1429048	165.396	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	330.800%#
62) 4-Bromofluorobenzene	12.575	95	472915	163.181	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	326.360%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	273099	145.158	ug/l	99
3) Chloromethane	2.146	50	185111	133.943	ug/l	98
4) Vinyl Chloride	2.287	62	213698	131.919	ug/l	98
5) Bromomethane	2.675	94	223047	113.653	ug/l	99
6) Chloroethane	2.834	64	140279	127.637	ug/l	94
7) Trichlorofluoromethane	3.175	101	530381	136.763	ug/l	91
8) Diethyl Ether	3.593	74	166050	154.921	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.969	101	344387	140.699	ug/l	93
10) Methyl Iodide	4.164	142	534381	151.365	ug/l	97
11) Tert butyl alcohol	5.063	59	83643	700.284	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	356804	151.915	ug/l	88
13) Acrolein	3.799	56	165166	755.613	ug/l	99
14) Allyl chloride	4.564	41	551174	173.090	ug/l	100
15) Acrylonitrile	5.258	53	375246	818.547	ug/l	100
16) Acetone	4.022	43	389707	736.544	ug/l	95
17) Carbon Disulfide	4.275	76	1111288	143.609	ug/l	100
18) Methyl Acetate	4.564	43	171485	158.502	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	799746	169.877	ug/l	98
20) Methylene Chloride	4.805	84	410444	142.033	ug/l	97
21) trans-1,2-Dichloroethene	5.316	96	413373	157.090	ug/l	98
22) Diisopropyl ether	6.216	45	1094236	163.375	ug/l	99
23) Vinyl Acetate	6.158	43	3161389	839.554	ug/l	99
24) 1,1-Dichloroethane	6.116	63	686131	152.487	ug/l	97
25) 2-Butanone	7.081	43	547803	787.571	ug/l	97
26) 2,2-Dichloropropane	7.081	77	590404	146.706	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	481387	159.251	ug/l	99
28) Bromochloromethane	7.428	49	268169	132.883	ug/l	98
29) Tetrahydrofuran	7.446	42	280733	772.865	ug/l	98
30) Chloroform	7.599	83	720418	144.284	ug/l	98
31) Cyclohexane	7.881	56	575006	151.009	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	614937	147.545	ug/l	99
36) 1,1-Dichloropropene	8.010	75	513871	154.193	ug/l	100
37) Ethyl Acetate	7.175	43	201245	145.400	ug/l	97
38) Carbon Tetrachloride	7.993	117	542420	148.213	ug/l	94
39) Methylcyclohexane	9.275	83	657730	169.216	ug/l	99
40) Benzene	8.252	78	1619312	157.286	ug/l	100

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41) Methacrylonitrile	7.399	41	112669	146.621	ug/l	98
42) 1,2-Dichloroethane	8.328	62	397083	147.226	ug/l	99
43) Isopropyl Acetate	8.363	43	388928	154.638	ug/l	99
44) Trichloroethene	9.028	130	409177	154.111	ug/l	96
45) 1,2-Dichloropropane	9.304	63	379540	154.915	ug/l	98
46) Dibromomethane	9.393	93	215256	149.493	ug/l	99
47) Bromodichloromethane	9.587	83	549939	152.360	ug/l	99
48) Methyl methacrylate	9.381	41	193027	171.718	ug/l	98
49) 1,4-Dioxane	9.387	88	42945	3130.342	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	995981	785.808	ug/l	98
52) Toluene	10.334	92	1047478	163.389	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	513701	164.149	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	608395	162.230	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	282953	147.173	ug/l	97
56) Ethyl methacrylate	10.598	69	371648	170.025	ug/l	98
57) 1,3-Dichloropropane	10.881	76	482430	155.216	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	685621	878.344	ug/l	99
59) 2-Hexanone	10.922	43	778628	800.515	ug/l	98
60) Dibromochloromethane	11.075	129	383395	150.574	ug/l	98
61) 1,2-Dibromoethane	11.181	107	274148	151.906	ug/l	99
64) Tetrachloroethene	10.810	164	362996	150.628	ug/l	95
65) Chlorobenzene	11.604	112	1132662	154.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	400399	153.967	ug/l	99
67) Ethyl Benzene	11.681	91	2040746	168.552	ug/l	98
68) m/p-Xylenes	11.793	106	1574982	329.885	ug/l	99
69) o-Xylene	12.122	106	746360	172.143	ug/l	100
70) Styrene	12.134	104	1305941	169.422	ug/l	98
71) Bromoform	12.298	173	218732	148.964	ug/l #	99
73) Isopropylbenzene	12.416	105	1882432	175.935	ug/l	99
74) N-amyl acetate	12.234	43	379420	166.138	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	308208	148.981	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	201561m	145.135	ug/l	
77) Bromobenzene	12.698	156	465296	165.156	ug/l	99
78) n-propylbenzene	12.763	91	2258034	170.541	ug/l	99
79) 2-Chlorotoluene	12.845	91	1323867	168.224	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	1589836	175.671	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	114374	159.273	ug/l	98
82) 4-Chlorotoluene	12.945	91	1375857	164.640	ug/l	99
83) tert-Butylbenzene	13.163	119	1355624	173.592	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	1629451	177.107	ug/l	100
85) sec-Butylbenzene	13.345	105	2021516	172.819	ug/l	100
86) p-Isopropyltoluene	13.457	119	1745948	175.926	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	933982	160.215	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	900608	153.445	ug/l	99
89) n-Butylbenzene	13.787	91	1602847	173.733	ug/l	99
90) Hexachloroethane	14.051	117	340255	157.232	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	792989	155.606	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	46800	148.171	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	528877	169.303	ug/l	99
94) Hexachlorobutadiene	15.198	225	276433	161.248	ug/l	99
95) Naphthalene	15.328	128	943663	179.418	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	463992	170.776	ug/l	100

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

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