

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079347.D
 Acq On : 08 Jul 2024 17:38
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD070824

Quant Time: Jul 08 17:37:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
 Supervised By :Semsettin Yesilyurt 07/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	206482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	384600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	359411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	174460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110064	45.233	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.460%		
35) Dibromofluoromethane	7.804	113	122034	44.977	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.960%		
50) Toluene-d8	10.269	98	468307	44.775	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.540%		
62) 4-Bromofluorobenzene	12.569	95	147154	45.267	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	87744	45.833	ug/l	96
3) Chloromethane	2.146	50	115401	45.020	ug/l	99
4) Vinyl Chloride	2.275	62	139145	52.816	ug/l	95
5) Bromomethane	2.681	94	84426	50.188	ug/l	99
6) Chloroethane	2.828	64	57087	40.442	ug/l	94
7) Trichlorofluoromethane	3.163	101	181953	47.267	ug/l	96
8) Diethyl Ether	3.593	74	63636	51.747	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.958	101	111405	46.139	ug/l	99
10) Methyl Iodide	4.158	142	122199	45.882	ug/l	100
11) Tert butyl alcohol	5.046	59	34826	224.212	ug/l #	86
12) 1,1-Dichloroethene	3.928	96	113975	47.531	ug/l	97
13) Acrolein	3.793	56	40807	211.912	ug/l	95
14) Allyl chloride	4.552	41	148040	48.448	ug/l	88
15) Acrylonitrile	5.246	53	142500	251.571	ug/l	97
16) Acetone	4.016	43	120223	259.781	ug/l	99
17) Carbon Disulfide	4.258	76	361859	47.767	ug/l	99
18) Methyl Acetate	4.558	43	72813	50.284	ug/l	90
19) Methyl tert-butyl Ether	5.310	73	277418	52.057	ug/l	95
20) Methylene Chloride	4.793	84	170005	45.960	ug/l	92
21) trans-1,2-Dichloroethene	5.299	96	128460	48.226	ug/l	91
22) Diisopropyl ether	6.210	45	340588	49.774	ug/l	95
23) Vinyl Acetate	6.146	43	1364613	260.594	ug/l	95
24) 1,1-Dichloroethane	6.104	63	220265	47.742	ug/l	96
25) 2-Butanone	7.081	43	169517	257.878	ug/l	94
26) 2,2-Dichloropropane	7.069	77	176663	45.719	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	151837	48.827	ug/l	90
28) Bromochloromethane	7.422	49	99985	51.414	ug/l	81
29) Tetrahydrofuran	7.446	42	103594	258.555	ug/l	87
30) Chloroform	7.587	83	234839	48.486	ug/l	99
31) Cyclohexane	7.869	56	164251	44.636	ug/l	89
32) 1,1,1-Trichloroethane	7.787	97	188499	46.555	ug/l	99
36) 1,1-Dichloropropene	8.004	75	156616	45.438	ug/l	97
37) Ethyl Acetate	7.163	43	71521	47.915	ug/l	99
38) Carbon Tetrachloride	7.987	117	163327	45.016	ug/l	99
39) Methylcyclohexane	9.269	83	186742	46.462	ug/l	91
40) Benzene	8.246	78	522454	47.345	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	42287	48.795	ug/l	86
42) 1,2-Dichloroethane	8.322	62	123086	46.139	ug/l	96
43) Isopropyl Acetate	8.357	43	133415	48.910	ug/l	98
44) Trichloroethene	9.022	130	122727	46.654	ug/l	89
45) 1,2-Dichloropropane	9.298	63	125487	46.585	ug/l	96
46) Dibromomethane	9.387	93	73491	46.529	ug/l	94
47) Bromodichloromethane	9.581	83	179107	46.380	ug/l	96
48) Methyl methacrylate	9.381	41	62433	46.686	ug/l	90
49) 1,4-Dioxane	9.381	88	17199	961.556	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	364254	249.393	ug/l	99
52) Toluene	10.328	92	333874	49.147	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	166962	47.725	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	201204	48.148	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	101400	47.824	ug/l	94
56) Ethyl methacrylate	10.592	69	131660	46.162	ug/l	96
57) 1,3-Dichloropropane	10.875	76	168024	48.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	275803	220.422	ug/l	93
59) 2-Hexanone	10.916	43	268658	257.447	ug/l	99
60) Dibromochloromethane	11.069	129	131450	48.298	ug/l	100
61) 1,2-Dibromoethane	11.175	107	95836	47.937	ug/l	94
64) Tetrachloroethene	10.804	164	99312	47.136	ug/l	94
65) Chlorobenzene	11.604	112	358903	47.575	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	121460	47.720	ug/l	97
67) Ethyl Benzene	11.681	91	610666	48.489	ug/l	98
68) m/p-Xylenes	11.792	106	480086	98.720	ug/l	89
69) o-Xylene	12.116	106	224349	49.302	ug/l	88
70) Styrene	12.134	104	405738	49.967	ug/l	96
71) Bromoform	12.298	173	72278	49.014	ug/l #	96
73) Isopropylbenzene	12.416	105	562271	48.285	ug/l	99
74) N-amyl acetate	12.234	43	129383	49.441	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	120290	48.894	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	70667m	42.158	ug/l	
77) Bromobenzene	12.698	156	138342	50.208	ug/l	84
78) n-propylbenzene	12.757	91	708377	48.806	ug/l	95
79) 2-Chlorotoluene	12.845	91	409510	49.196	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	486640	49.304	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	42906	48.261	ug/l	96
82) 4-Chlorotoluene	12.945	91	425929	48.081	ug/l	94
83) tert-Butylbenzene	13.163	119	395966	48.041	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	501275	50.068	ug/l	95
85) sec-Butylbenzene	13.339	105	612443	48.480	ug/l	98
86) p-Isopropyltoluene	13.457	119	518223	49.534	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	280142	48.212	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	276754	47.322	ug/l	95
89) n-Butylbenzene	13.786	91	489476	48.127	ug/l	97
90) Hexachloroethane	14.051	117	107057	46.320	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	251707	48.832	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	17164	49.671	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	144316	49.824	ug/l	97
94) Hexachlorobutadiene	15.198	225	71886	46.795	ug/l	97
95) Naphthalene	15.328	128	306898	53.296	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	129829	50.177	ug/l	97

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

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