

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038765.D
 Acq On : 11 Nov 2023 07:26
 Operator : JC/MD
 Sample : 05350-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20231107MS

Quant Time: Nov 13 01:07:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/13/2023
 Supervised By :Mahesh Dadoda 11/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	286547	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	448671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	438280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	255447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175298	49.139	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.280%		
35) Dibromofluoromethane	5.385	113	159104	49.236	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.480%		
50) Toluene-d8	8.647	98	552592	47.788	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.580%		
62) 4-Bromofluorobenzene	11.079	95	221991	49.515	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.040%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	138443	46.524	ug/l	99
3) Chloromethane	1.294	50	116073	45.129	ug/l	98
4) Vinyl Chloride	1.374	62	129256	47.206	ug/l	99
5) Bromomethane	1.599	94	101489	48.022	ug/l	97
6) Chloroethane	1.684	64	82659	47.678	ug/l	98
7) Trichlorofluoromethane	1.886	101	240536	50.955	ug/l	99
8) Diethyl Ether	2.136	74	79460	49.035	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.331	101	132932	47.626	ug/l	90
10) Methyl Iodide	2.453	142	188483	54.678	ug/l	92
11) Tert butyl alcohol	2.953	59	177462	243.341	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	130824	48.921	ug/l #	79
13) Acrolein	2.233	56	140618	254.405	ug/l	100
14) Allyl chloride	2.666	41	170413	44.491	ug/l #	94
15) Acrylonitrile	3.062	53	387824	251.986	ug/l	100
16) Acetone	2.373	43	332840	221.537	ug/l #	89
17) Carbon Disulfide	2.514	76	314967	44.326	ug/l	98
18) Methyl Acetate	2.703	43	285512	44.605	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	514238	60.133	ug/l	96
20) Methylene Chloride	2.788	84	144455	47.696	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	143356	49.240	ug/l	83
22) Diisopropyl ether	3.757	45	352927	48.888	ug/l #	87
23) Vinyl Acetate	3.721	43	1116525	217.903	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	232713	48.724	ug/l	98
25) 2-Butanone	4.550	43	516893	237.495	ug/l #	85
26) 2,2-Dichloropropane	4.477	77	142238	34.109	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	167947	49.956	ug/l	81
28) Bromochloromethane	4.897	49	101555	47.314	ug/l #	53
29) Tetrahydrofuran	5.001	42	331887	245.095	ug/l #	80
30) Chloroform	5.092	83	273464	48.799	ug/l	98
31) Cyclohexane	5.476	56	177255	44.895	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	245226	49.725	ug/l	96
36) 1,1-Dichloropropene	5.696	75	186678	46.506	ug/l	94
37) Ethyl Acetate	4.714	43	176951	43.176	ug/l #	94
38) Carbon Tetrachloride	5.678	117	220466	49.129	ug/l	98
39) Methylcyclohexane	7.379	83	212448	42.331	ug/l	90
40) Benzene	6.037	78	549124	47.495	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	99630	47.717	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	207611	49.766	ug/l	96
43) Isopropyl Acetate	6.336	43	273150	43.352	ug/l #	90
44) Trichloroethene	7.129	130	188022	52.267	ug/l	88
45) 1,2-Dichloropropane	7.427	63	133316	47.699	ug/l	98
46) Dibromomethane	7.580	93	114491	48.983	ug/l #	85
47) Bromodichloromethane	7.818	83	210564	47.901	ug/l	96
48) Methyl methacrylate	7.689	41	149238	49.149	ug/l #	84
49) 1,4-Dioxane	7.659	88	67403	975.082	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	1016993	247.737	ug/l	91
52) Toluene	8.720	92	370855	48.965	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	207050	46.265	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	216264	45.776	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	159666	49.684	ug/l	98
56) Ethyl methacrylate	9.116	69	228731	50.872	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	246325	49.212	ug/l	99
59) 2-Hexanone	9.427	43	811619	244.344	ug/l	90
60) Dibromochloromethane	9.518	129	184870	51.247	ug/l	99
61) 1,2-Dibromoethane	9.610	107	181029	50.124	ug/l	100
64) Tetrachloroethene	9.275	164	149854	45.678	ug/l	96
65) Chlorobenzene	10.079	112	431842	48.402	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	168056	50.106	ug/l	99
67) Ethyl Benzene	10.195	91	725038	48.042	ug/l	97
68) m/p-Xylenes	10.299	106	571278	95.377	ug/l	95
69) o-Xylene	10.640	106	284089	48.773	ug/l	95
70) Styrene	10.652	104	473506	49.256	ug/l	95
71) Bromoform	10.799	173	147356	49.777	ug/l #	100
73) Isopropylbenzene	10.963	105	736105	46.971	ug/l	97
74) N-amyl acetate	10.841	43	227984	41.869	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	260819	48.141	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	235868m	46.623	ug/l	
77) Bromobenzene	11.195	156	203146	47.232	ug/l	81
78) n-propylbenzene	11.305	91	841753	46.157	ug/l	96
79) 2-Chlorotoluene	11.366	91	509913	46.703	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	640173	47.464	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	65043	41.045	ug/l	87
82) 4-Chlorotoluene	11.451	91	599025	46.963	ug/l	92
83) tert-Butylbenzene	11.713	119	653708	47.832	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	637931	47.687	ug/l	95
85) sec-Butylbenzene	11.890	105	781335	45.817	ug/l	97
86) p-Isopropyltoluene	12.006	119	679391	46.766	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	384016	46.700	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	388897	46.011	ug/l	97
89) n-Butylbenzene	12.329	91	571272	44.190	ug/l	96
90) Hexachloroethane	12.536	117	117134	47.601	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	382453	47.624	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64600	47.442	ug/l	63
93) 1,2,4-Trichlorobenzene	13.585	180	261937	45.602	ug/l	97
94) Hexachlorobutadiene	13.725	225	106852	43.111	ug/l	99
95) Naphthalene	13.774	128	839561	48.456	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	257486	45.480	ug/l	98

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

