

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036952.D
 Acq On : 11 Aug 2023 19:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/14/2023
 Supervised By : Mahesh Dadoda 08/15/2023

Quant Time: Aug 11 23:06:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	130545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228333	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93778	48.549	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.100%		
35) Dibromofluoromethane	5.385	113	78661	50.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.240%		
50) Toluene-d8	8.647	98	256656	46.115	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.220%		
62) 4-Bromofluorobenzene	11.079	95	109348	52.076	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88536	51.339	ug/l	99
3) Chloromethane	1.301	50	73992	47.172	ug/l	97
4) Vinyl Chloride	1.374	62	81351	50.941	ug/l	100
5) Bromomethane	1.599	94	46989	49.285	ug/l	97
6) Chloroethane	1.679	64	52512	67.634	ug/l	98
7) Trichlorofluoromethane	1.886	101	144239	58.487	ug/l	99
8) Diethyl Ether	2.136	74	51674	54.159	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	80521	54.345	ug/l	99
10) Methyl Iodide	2.453	142	99497	64.653	ug/l	95
11) Tert butyl alcohol	2.971	59	116049	253.772	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	76384	52.254	ug/l	86
13) Acrolein	2.239	56	65915	252.569	ug/l	98
14) Allyl chloride	2.660	41	125317	43.536	ug/l #	95
15) Acrylonitrile	3.069	53	240118	261.099	ug/l	99
16) Acetone	2.380	43	203092	253.376	ug/l	93
17) Carbon Disulfide	2.508	76	178111	44.148	ug/l	99
18) Methyl Acetate	2.703	43	171520	50.867	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	300062	54.625	ug/l	98
20) Methylene Chloride	2.788	84	88554	49.677	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	85652	52.427	ug/l	91
22) Diisopropyl ether	3.764	45	261420	47.832	ug/l #	87
23) Vinyl Acetate	3.721	43	1010359	241.001	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	159384	52.014	ug/l	98
25) 2-Butanone	4.556	43	329117	253.078	ug/l	91
26) 2,2-Dichloropropane	4.477	77	125386	43.426	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	102249	52.693	ug/l	90
28) Bromochloromethane	4.904	49	66354	44.774	ug/l #	83
29) Tetrahydrofuran	5.007	42	209676	250.082	ug/l #	87
30) Chloroform	5.099	83	173069	55.206	ug/l	95
31) Cyclohexane	5.471	56	121642	45.483	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	157888	54.965	ug/l	98
36) 1,1-Dichloropropene	5.696	75	119291	50.996	ug/l	97
37) Ethyl Acetate	4.715	43	128586	48.566	ug/l #	94
38) Carbon Tetrachloride	5.678	117	133789	53.797	ug/l	99
39) Methylcyclohexane	7.379	83	123486	42.453	ug/l	93
40) Benzene	6.038	78	352492	51.792	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	69963	49.406	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	139112	55.905	ug/l	96
43) Isopropyl Acetate	6.342	43	214239	47.007	ug/l #	94
44) Trichloroethene	7.123	130	97370	54.734	ug/l	95
45) 1,2-Dichloropropane	7.434	63	90411	49.756	ug/l	99
46) Dibromomethane	7.580	93	69538	54.680	ug/l	96
47) Bromodichloromethane	7.824	83	137463	52.659	ug/l	99
48) Methyl methacrylate	7.696	41	102967	48.580	ug/l #	88
49) 1,4-Dioxane	7.659	88	45792	1069.453	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	642880	254.895	ug/l	93
52) Toluene	8.720	92	227031	53.238	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	145477	49.307	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	154158	49.516	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	97006	54.115	ug/l	97
56) Ethyl methacrylate	9.116	69	153891	52.720	ug/l	90
57) 1,3-Dichloropropane	9.311	76	160256	53.674	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	336697	234.096	ug/l	94
59) 2-Hexanone	9.433	43	489167	261.329	ug/l	91
60) Dibromochloromethane	9.519	129	106128	53.865	ug/l	99
61) 1,2-Dibromoethane	9.610	107	105565	56.821	ug/l	99
64) Tetrachloroethene	9.275	164	88350	57.062	ug/l	97
65) Chlorobenzene	10.079	112	246761	53.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	94730	53.564	ug/l	98
67) Ethyl Benzene	10.195	91	442917	52.988	ug/l	99
68) m/p-Xylenes	10.299	106	337969	108.366	ug/l	98
69) o-Xylene	10.640	106	170340	54.718	ug/l	97
70) Styrene	10.653	104	282822	55.064	ug/l	98
71) Bromoform	10.799	173	76170	53.205	ug/l #	99
73) Isopropylbenzene	10.963	105	433626	49.008	ug/l	99
74) N-amyl acetate	10.842	43	180774	43.813	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	148173	49.582	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	125779m	50.017	ug/l	
77) Bromobenzene	11.195	156	106501	52.854	ug/l	92
78) n-propylbenzene	11.305	91	488896	47.777	ug/l	99
79) 2-Chlorotoluene	11.366	91	308568	49.763	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	363824	49.152	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	46550	41.956	ug/l	88
82) 4-Chlorotoluene	11.451	91	357172	50.554	ug/l	99
83) tert-Butylbenzene	11.713	119	346101	47.595	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	368537	49.784	ug/l	97
85) sec-Butylbenzene	11.890	105	414423	45.699	ug/l	99
86) p-Isopropyltoluene	12.006	119	352467	47.235	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	199205	53.377	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	204019	55.085	ug/l	99
89) n-Butylbenzene	12.329	91	300593	45.000	ug/l	99
90) Hexachloroethane	12.536	117	62331	41.204	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	196330	54.515	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36865	53.085	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	114954	51.809	ug/l	99
94) Hexachlorobutadiene	13.725	225	42873	46.705	ug/l	99
95) Naphthalene	13.774	128	445516	57.619	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	115815	52.959	ug/l	98

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

