

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032152.D
 Acq On : 17 Oct 2022 12:28
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Quant Time: Oct 18 03:53:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 03:50:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	125548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	20789	10.397	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.800%#		
35) Dibromofluoromethane	5.385	113	15927	11.193	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	22.380%#		
50) Toluene-d8	8.653	98	55319	11.084	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	22.160%#		
62) 4-Bromofluorobenzene	11.079	95	19852	10.447	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	20.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14852	10.744	ug/l	99
3) Chloromethane	1.288	50	14208	10.645	ug/l	97
4) Vinyl Chloride	1.374	62	15820	10.637	ug/l	96
5) Bromomethane	1.611	94	11692	10.621	ug/l	100
6) Chloroethane	1.685	64	9822	8.896	ug/l	100
7) Trichlorofluoromethane	1.886	101	24527	10.569	ug/l	97
8) Diethyl Ether	2.136	74	8135	10.604	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	11322	10.323	ug/l	93
10) Methyl Iodide	2.453	142	12373	9.305	ug/l	98
11) Tert butyl alcohol	2.995	59	15630	56.832	ug/l	99
12) 1,1-Dichloroethene	2.319	96	9971	9.731	ug/l	96
13) Acrolein	2.239	56	12783	55.221	ug/l	100
14) Allyl chloride	2.666	41	20679	11.419	ug/l	95
15) Acrylonitrile	3.068	53	38038	57.616	ug/l	100
16) Acetone	2.386	43	24611	51.189	ug/l	96
17) Carbon Disulfide	2.514	76	24260	9.435	ug/l	97
18) Methyl Acetate	2.703	43	23002	11.747	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	47398	11.144	ug/l	100
20) Methylene Chloride	2.788	84	15786	10.679	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	14817	10.672	ug/l	96
22) Diisopropyl ether	3.763	45	46752	10.392	ug/l	95
23) Vinyl Acetate	3.727	43	181187	51.556	ug/l	99
24) 1,1-Dichloroethane	3.611	63	27159	10.358	ug/l	99
25) 2-Butanone	4.568	43	53890	52.459	ug/l	99
26) 2,2-Dichloropropane	4.477	77	19910	9.648	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	17320	10.372	ug/l	94
28) Bromochloromethane	4.897	49	11015	10.281	ug/l	96
29) Tetrahydrofuran	5.013	42	32723	53.111	ug/l	94
30) Chloroform	5.099	83	30977	10.795	ug/l	99
31) Cyclohexane	5.470	56	23847	10.701	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	26042	11.319	ug/l	99
36) 1,1-Dichloropropene	5.690	75	21171	10.284	ug/l	100
37) Ethyl Acetate	4.721	43	22601	10.940	ug/l	99
38) Carbon Tetrachloride	5.684	117	23164	10.625	ug/l	95
39) Methylcyclohexane	7.385	83	25493	10.318	ug/l	91
40) Benzene	6.037	78	61086	10.608	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	11689	10.973	ug/l	98
42) 1,2-Dichloroethane	6.086	62	25481	10.565	ug/l	99
43) Isopropyl Acetate	6.342	43	33469	10.751	ug/l	98
44) Trichloroethene	7.129	130	16995	10.475	ug/l	96
45) 1,2-Dichloropropane	7.434	63	14943	10.416	ug/l	98
46) Dibromomethane	7.580	93	11642	10.564	ug/l	95
47) Bromodichloromethane	7.824	83	21087	10.271	ug/l	96
48) Methyl methacrylate	7.696	41	17608	11.160	ug/l	97
49) 1,4-Dioxane	7.696	88	7452	230.358	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	110695	57.986	ug/l	99
52) Toluene	8.720	92	40051	10.917	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	19600	10.703	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	22393	10.413	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	16044	11.520	ug/l	97
56) Ethyl methacrylate	9.116	69	22341	11.232	ug/l	97
57) 1,3-Dichloropropane	9.311	76	27724	11.354	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	54043	54.843	ug/l	97
59) 2-Hexanone	9.433	43	81421	57.571	ug/l	100
60) Dibromochloromethane	9.525	129	15665	10.872	ug/l	99
61) 1,2-Dibromoethane	9.610	107	15054	10.009	ug/l	99
64) Tetrachloroethene	9.275	164	16144	10.354	ug/l	97
65) Chlorobenzene	10.079	112	42932	10.414	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	15206	10.645	ug/l	98
67) Ethyl Benzene	10.195	91	76787	10.598	ug/l	96
68) m/p-Xylenes	10.305	106	58664	21.115	ug/l	97
69) o-Xylene	10.640	106	28593	10.459	ug/l	96
70) Styrene	10.659	104	46019	10.417	ug/l	98
71) Bromoform	10.805	173	9985	9.937	ug/l #	99
73) Isopropylbenzene	10.963	105	76238	10.764	ug/l	98
74) N-amyl acetate	10.841	43	25093	10.120	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	24509	10.794	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	21745m	10.515	ug/l	
77) Bromobenzene	11.201	156	17765	10.303	ug/l	98
78) n-propylbenzene	11.305	91	87913	10.358	ug/l	98
79) 2-Chlorotoluene	11.366	91	53411	10.187	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	64090	10.252	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	4996	9.469	ug/l #	73
82) 4-Chlorotoluene	11.457	91	61060	9.994	ug/l	97
83) tert-Butylbenzene	11.713	119	62680	10.192	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	65015	10.335	ug/l	98
85) sec-Butylbenzene	11.890	105	79224	10.293	ug/l	98
86) p-Isopropyltoluene	12.012	119	65534	10.228	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	33998	10.203	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	34300	10.201	ug/l	97
89) n-Butylbenzene	12.335	91	45279	8.572	ug/l	99
90) Hexachloroethane	12.536	117	7543	8.484	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	29029	9.117	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3440	8.502	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	15402	8.709	ug/l	98
94) Hexachlorobutadiene	13.725	225	5694	7.682	ug/l	98
95) Naphthalene	13.774	128	53454	9.045	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	14439	8.156	ug/l	99

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

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