

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092324\
 Data File : VX043101.D
 Acq On : 23 Sep 2024 09:10
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 24 02:47:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 02:22:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/24/2024
 Supervised By : Mahesh Dadoda 09/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	123913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	11220	5.451	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.900%#		
35) Dibromofluoromethane	5.385	113	8115	5.310	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.620%#		
50) Toluene-d8	8.647	98	27266	5.273	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.540%#		
62) 4-Bromofluorobenzene	11.079	95	10735	5.155	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.320%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	6443	4.876	ug/l	97
3) Chloromethane	1.301	50	6785	5.029	ug/l	99
4) Vinyl Chloride	1.374	62	7060	5.152	ug/l	100
5) Bromomethane	1.599	94	4125	5.232	ug/l	93
6) Chloroethane	1.685	64	4530	5.163	ug/l #	88
7) Trichlorofluoromethane	1.886	101	12005	4.935	ug/l	99
8) Diethyl Ether	2.136	74	4055	4.965	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	6674	4.861	ug/l	100
10) Methyl Iodide	2.453	142	8524	5.224	ug/l	97
11) Tert butyl alcohol	2.965	59	12781	27.812	ug/l	99
12) 1,1-Dichloroethene	2.319	96	6540	4.980	ug/l	93
13) Acrolein	2.233	56	3709	62.752	ug/l	95
14) Allyl chloride	2.666	41	12253	5.025	ug/l	97
15) Acrylonitrile	3.069	53	19641	24.639	ug/l	98
16) Acetone	2.380	43	22492	23.367	ug/l	98
17) Carbon Disulfide	2.508	76	16558	5.072	ug/l	97
18) Methyl Acetate	2.703	43	11395	4.398	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	24992	4.994	ug/l	95
20) Methylene Chloride	2.794	84	7793	5.089	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	7095	5.221	ug/l	93
22) Diisopropyl ether	3.758	45	22944	5.025	ug/l #	49
23) Vinyl Acetate	3.721	43	139495	25.970	ug/l	99
24) 1,1-Dichloroethane	3.605	63	13005	4.926	ug/l	96
25) 2-Butanone	4.562	43	30872	24.880	ug/l	93
26) 2,2-Dichloropropane	4.477	77	13240	4.955	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	8615	5.093	ug/l	99
28) Bromochloromethane	4.898	49	6425	5.529	ug/l	99
29) Tetrahydrofuran	5.013	42	18823	25.225	ug/l	100
30) Chloroform	5.093	83	14763	5.072	ug/l	95
31) Cyclohexane	5.465	56	10460	5.168	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	13873	5.031	ug/l	99
36) 1,1-Dichloropropene	5.690	75	9568	5.095	ug/l	99
37) Ethyl Acetate	4.721	43	12193m	5.169	ug/l	
38) Carbon Tetrachloride	5.672	117	11851	4.899	ug/l	96
39) Methylcyclohexane	7.379	83	11593	4.919	ug/l	95
40) Benzene	6.038	78	27731	5.004	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	5828	4.970	ug/l	95
42) 1,2-Dichloroethane	6.092	62	11555	4.911	ug/l	99
43) Isopropyl Acetate	6.349	43	19181	4.868	ug/l	99
44) Trichloroethene	7.129	130	7604	5.015	ug/l	95
45) 1,2-Dichloropropane	7.428	63	6655	4.822	ug/l	97
46) Dibromomethane	7.586	93	5870	5.051	ug/l	95
47) Bromodichloromethane	7.824	83	11869	4.911	ug/l	98
48) Methyl methacrylate	7.696	41	9486	4.902	ug/l	97
49) 1,4-Dioxane	7.665	88	3858	105.606	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	60853	25.142	ug/l	100
52) Toluene	8.720	92	18377	5.150	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	11929	4.808	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	12062	4.868	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	7549	5.138	ug/l	96
56) Ethyl methacrylate	9.116	69	12507	4.892	ug/l	97
57) 1,3-Dichloropropane	9.311	76	12616	5.048	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	25495	24.661	ug/l	99
59) 2-Hexanone	9.427	43	47839	25.277	ug/l	99
60) Dibromochloromethane	9.519	129	9518	4.960	ug/l	100
61) 1,2-Dibromoethane	9.610	107	8211	5.107	ug/l	98
64) Tetrachloroethene	9.275	164	7558	5.453	ug/l	90
65) Chlorobenzene	10.080	112	20799	5.040	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	7681	5.046	ug/l	98
67) Ethyl Benzene	10.195	91	36702	5.141	ug/l	98
68) m/p-Xylenes	10.299	106	27544	10.368	ug/l	100
69) o-Xylene	10.640	106	14076	5.283	ug/l	98
70) Styrene	10.653	104	22410	5.042	ug/l	100
71) Bromoform	10.799	173	6685	4.993	ug/l #	96
73) Isopropylbenzene	10.964	105	35694	5.016	ug/l	99
74) N-amyl acetate	10.842	43	16736	5.005	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	11636	5.082	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	10985m	5.445	ug/l	
77) Bromobenzene	11.195	156	8683	5.083	ug/l	99
78) n-propylbenzene	11.305	91	40343	4.997	ug/l	100
79) 2-Chlorotoluene	11.366	91	25316	4.999	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	30284	5.144	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	4155	4.907	ug/l	99
82) 4-Chlorotoluene	11.451	91	29253	5.054	ug/l	100
83) tert-Butylbenzene	11.713	119	30509	5.029	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	29286	5.000	ug/l	100
85) sec-Butylbenzene	11.890	105	37344	5.008	ug/l	99
86) p-Isopropyltoluene	12.006	119	30194	4.877	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	15361	4.931	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	15891	5.087	ug/l	95
89) n-Butylbenzene	12.329	91	25594	4.744	ug/l	100
90) Hexachloroethane	12.536	117	5995	4.859	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	16010	5.219	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2900	4.684	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	8743	4.597	ug/l	98
94) Hexachlorobutadiene	13.725	225	3944	4.936	ug/l	98
95) Naphthalene	13.774	128	31196	4.719	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	9208	4.873	ug/l	98

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

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