

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043926.D
 Acq On : 21 Nov 2024 10:14
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 21 13:37:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 13:36:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	150793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	264969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	13961	5.398	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.800%#		
35) Dibromofluoromethane	5.379	113	9842	5.198	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.400%#		
50) Toluene-d8	8.646	98	35173	5.389	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.780%#		
62) 4-Bromofluorobenzene	11.079	95	10618	4.780	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9545	4.811	ug/l	86
3) Chloromethane	1.294	50	9980	4.712	ug/l	98
4) Vinyl Chloride	1.373	62	10682	4.826	ug/l	100
5) Bromomethane	1.593	94	6415	4.877	ug/l	94
6) Chloroethane	1.666	64	6474	5.154	ug/l	99
7) Trichlorofluoromethane	1.867	101	19099	4.721	ug/l	90
8) Diethyl Ether	2.129	74	6480	4.537	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.318	101	8824	4.665	ug/l	95
10) Methyl Iodide	2.440	142	9897	4.346	ug/l	93
11) Tert butyl alcohol	2.995	59	8556	19.717	ug/l	97
12) 1,1-Dichloroethene	2.306	96	7987	4.524	ug/l #	78
13) Acrolein	2.239	56	11940	27.287	ug/l	100
14) Allyl chloride	2.654	41	12874	4.278	ug/l #	87
15) Acrylonitrile	3.062	53	24290	22.867	ug/l	97
16) Acetone	2.385	43	29886	24.457	ug/l	89
17) Carbon Disulfide	2.495	76	14415	4.636	ug/l #	94
18) Methyl Acetate	2.702	43	13127	4.577	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	30022	4.615	ug/l #	86
20) Methylene Chloride	2.782	84	9895	4.667	ug/l	95
21) trans-1,2-Dichloroethene	3.080	96	8486	4.326	ug/l #	84
22) Diisopropyl ether	3.757	45	29102	4.607	ug/l #	59
23) Vinyl Acetate	3.721	43	116242	21.381	ug/l	97
24) 1,1-Dichloroethane	3.599	63	16857	4.635	ug/l	98
25) 2-Butanone	4.568	43	36680	23.245	ug/l	99
26) 2,2-Dichloropropane	4.458	77	15040	4.560	ug/l #	73
27) cis-1,2-Dichloroethene	4.477	96	10153	4.366	ug/l	90
28) Bromochloromethane	4.891	49	9210	5.746	ug/l	87
29) Tetrahydrofuran	5.007	42	23518	23.872	ug/l	93
30) Chloroform	5.086	83	18661	4.725	ug/l	97
31) Cyclohexane	5.458	56	13740	4.767	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	15162	4.545	ug/l	95
36) 1,1-Dichloropropene	5.690	75	11406	4.435	ug/l	97
37) Ethyl Acetate	4.720	43	12177	4.528	ug/l	95
38) Carbon Tetrachloride	5.665	117	12348	4.503	ug/l	94
39) Methylcyclohexane	7.372	83	14721	4.668	ug/l	98
40) Benzene	6.031	78	36283	4.740	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	7355	4.783	ug/l #	94
42) 1,2-Dichloroethane	6.080	62	14467	4.731	ug/l	98
43) Isopropyl Acetate	6.348	43	22267	4.619	ug/l #	93
44) Trichloroethene	7.128	130	9852	4.284	ug/l	100
45) 1,2-Dichloropropane	7.427	63	8525	4.446	ug/l	93
46) Dibromomethane	7.586	93	6372	4.181	ug/l	93
47) Bromodichloromethane	7.823	83	11249	4.153	ug/l	99
48) Methyl methacrylate	7.695	41	10190	4.466	ug/l	89
49) 1,4-Dioxane	7.677	88	3056	93.552	ug/l #	71
51) 4-Methyl-2-Pentanone	8.573	43	69843	23.750	ug/l	93
52) Toluene	8.714	92	22218	4.736	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	10937	4.002	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	12253	4.109	ug/l #	86
55) 1,1,2-Trichloroethane	9.152	97	9000	4.745	ug/l	96
56) Ethyl methacrylate	9.116	69	12381	4.205	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	15211	4.733	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	43351	29.069	ug/l	98
59) 2-Hexanone	9.433	43	52072	23.504	ug/l	93
60) Dibromochloromethane	9.518	129	7738	4.099	ug/l	100
61) 1,2-Dibromoethane	9.610	107	8985	4.623	ug/l	99
64) Tetrachloroethene	9.274	164	7642	4.829	ug/l	93
65) Chlorobenzene	10.079	112	24792	4.794	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	7421	4.479	ug/l	97
67) Ethyl Benzene	10.195	91	40927	4.658	ug/l	92
68) m/p-Xylenes	10.305	106	29635	9.137	ug/l	97
69) o-Xylene	10.640	106	14856	4.616	ug/l	99
70) Styrene	10.658	104	22907	4.320	ug/l	96
71) Bromoform	10.799	173	4476	3.941	ug/l #	97
73) Isopropylbenzene	10.957	105	37958	4.885	ug/l	99
74) N-amyl acetate	10.841	43	15928	4.381	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	13107	4.910	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	14721	6.565	ug/l	78
77) Bromobenzene	11.195	156	9259	4.859	ug/l	95
78) n-propylbenzene	11.305	91	39774	4.555	ug/l	97
79) 2-Chlorotoluene	11.366	91	26740	4.746	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	30114	4.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2880	3.707	ug/l #	73
82) 4-Chlorotoluene	11.451	91	29049	4.621	ug/l	96
83) tert-Butylbenzene	11.713	119	29934	4.687	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	30674	4.697	ug/l	97
85) sec-Butylbenzene	11.890	105	37899	4.836	ug/l	95
86) p-Isopropyltoluene	12.006	119	29412	4.573	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	16008	4.621	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	15837	4.419	ug/l	91
89) n-Butylbenzene	12.335	91	24938	4.370	ug/l	98
90) Hexachloroethane	12.536	117	4279	4.061	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	16747	4.815	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2454	4.500	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	8746	4.179	ug/l	96
94) Hexachlorobutadiene	13.725	225	3713	4.700	ug/l	93
95) Naphthalene	13.774	128	32485	4.205	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	9280	4.485	ug/l	93

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

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