

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038829.D
 Acq On : 16 Nov 2023 09:48
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Nov 16 22:39:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 15:22:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	194282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	360544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	2455	1.083	ug/l	89
3) Chloromethane	1.295	50	3640	1.230	ug/l	90
4) Vinyl Chloride	1.374	62	3014	1.058	ug/l	94
6) Chloroethane	1.691	64	1812	1.114	ug/l #	83
7) Trichlorofluoromethane	1.892	101	3838	1.061	ug/l	93
8) Diethyl Ether	2.136	74	1845	1.171	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	2732	1.139	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	2583	1.067	ug/l	81
14) Allyl chloride	2.666	41	5081	1.048	ug/l #	93
15) Acrylonitrile	3.063	53	9340	5.077	ug/l	97
16) Acetone	2.374	43	9848	5.909	ug/l #	86
17) Carbon Disulfide	2.508	76	9083	1.211	ug/l #	91
18) Methyl Acetate	2.703	43	8492	1.073	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	8756	1.028	ug/l	96
20) Methylene Chloride	2.794	84	3792	1.262	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	3083	1.154	ug/l	98
22) Diisopropyl ether	3.751	45	9201	1.035	ug/l #	39
23) Vinyl Acetate	3.727	43	32147	5.019	ug/l	98
24) 1,1-Dichloroethane	3.617	63	5253	1.056	ug/l #	91
25) 2-Butanone	4.568	43	14487	5.361	ug/l	96
26) 2,2-Dichloropropane	4.477	77	4974	1.153	ug/l	95
27) cis-1,2-Dichloroethene	4.501	96	3520	1.130	ug/l	89
28) Bromochloromethane	4.910	49	2442	1.023	ug/l	98
29) Tetrahydrofuran	5.013	42	8363	4.874	ug/l #	91
30) Chloroform	5.087	83	5424	1.117	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	4692	1.115	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	4224	1.132	ug/l #	84
37) Ethyl Acetate	4.727	43	5413	1.113	ug/l #	88
38) Carbon Tetrachloride	5.684	117	3718	1.078	ug/l #	90
39) Methylcyclohexane	7.385	83	5537	1.137	ug/l	98
40) Benzene	6.038	78	11861	1.075	ug/l	99
41) Methacrylonitrile	4.928	41	2606	1.033	ug/l #	67
42) 1,2-Dichloroethane	6.092	62	3811	1.042	ug/l	97
43) Isopropyl Acetate	6.342	43	8171	1.052	ug/l	99
44) Trichloroethene	7.129	130	2954	1.099	ug/l	80
45) 1,2-Dichloropropane	7.434	63	3191	1.074	ug/l #	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	2065	1.042	ug/l #	85
47) Bromodichloromethane	7.824	83	4450	1.132	ug/l #	98
48) Methyl methacrylate	7.702	41	4770	1.265	ug/l #	75
49) 1,4-Dioxane	7.665	88	1500	20.565	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	25480	5.131	ug/l	96
52) Toluene	8.720	92	7851	1.146	ug/l	92
53) t-1,3-Dichloropropene	8.988	75	5090	1.089	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	4906	1.017	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	3230	1.130	ug/l	97
56) Ethyl methacrylate	9.122	69	4551	0.941	ug/l	96
57) 1,3-Dichloropropane	9.311	76	4988	1.055	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.245	63	11976	5.316	ug/l	96
59) 2-Hexanone	9.433	43	19031	4.781	ug/l	92
60) Dibromochloromethane	9.519	129	3163	1.088	ug/l	98
61) 1,2-Dibromoethane	9.610	107	3314	1.105	ug/l #	80
64) Tetrachloroethene	9.275	164	2401	1.157	ug/l	90
65) Chlorobenzene	10.080	112	7899	1.098	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	2940	1.136	ug/l #	64
67) Ethyl Benzene	10.195	91	13870	1.050	ug/l	97
68) m/p-Xylenes	10.299	106	10475	2.096	ug/l	99
69) o-Xylene	10.647	106	5240	1.059	ug/l	100
70) Styrene	10.659	104	8613	1.031	ug/l	96
71) Bromoform	10.805	173	2147	0.996	ug/l #	98
73) Isopropylbenzene	10.964	105	13926	1.136	ug/l	97
74) N-amyl acetate	10.842	43	6728	1.038	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	5465	1.142	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	4365m	1.142	ug/l	
77) Bromobenzene	11.201	156	3088	1.121	ug/l	95
78) n-propylbenzene	11.305	91	16656	1.104	ug/l	100
79) 2-Chlorotoluene	11.366	91	10161	1.135	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	10988	1.066	ug/l	94
82) 4-Chlorotoluene	11.457	91	11400	1.104	ug/l	94
83) tert-Butylbenzene	11.713	119	11159	1.099	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	11319	1.085	ug/l	93
85) sec-Butylbenzene	11.890	105	14134	1.065	ug/l	97
86) p-Isopropyltoluene	12.012	119	11497	1.079	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	5947	1.103	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	6413m	1.162	ug/l	
89) n-Butylbenzene	12.335	91	11420	1.062	ug/l	99
90) Hexachloroethane	12.536	117	2169	1.019	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	5687	1.112	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1245	1.062	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	3833	1.118	ug/l	98
94) Hexachlorobutadiene	13.725	225	1325	1.092	ug/l	97
95) Naphthalene	13.774	128	14054	1.101	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3566	1.097	ug/l	96

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

Manual Integrations

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