

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
 Data File : VX039694.D
 Acq On : 10 Jan 2024 10:27
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Jan 11 03:30:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:21:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	105591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	165909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70654	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	1.166	85	1224	0.896	ug/l	98
3) Chloromethane	1.294	50	1695	1.086	ug/l	98
4) Vinyl Chloride	1.374	62	1505	1.022	ug/l	94
6) Chloroethane	1.691	64	745m	0.892	ug/l	
7) Trichlorofluoromethane	1.886	101	2127	1.001	ug/l #	83
8) Diethyl Ether	2.136	74	820	1.045	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	1269	0.964	ug/l	97
12) 1,1-Dichloroethene	2.319	96	1282	1.009	ug/l #	78
14) Allyl chloride	2.666	41	2481	0.992	ug/l	95
15) Acrylonitrile	3.069	53	4584	4.820	ug/l	96
16) Acetone	2.374	43	4932	4.958	ug/l #	89
17) Carbon Disulfide	2.508	76	3936	1.078	ug/l	100
18) Methyl Acetate	2.703	43	2050	0.985	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	4608	1.021	ug/l	97
20) Methylene Chloride	2.788	84	1644	1.093	ug/l #	87
21) trans-1,2-Dichloroethene	3.087	96	1353	1.012	ug/l	86
22) Diisopropyl ether	3.764	45	4749	0.995	ug/l #	73
23) Vinyl Acetate	3.727	43	19597	4.417	ug/l	99
24) 1,1-Dichloroethane	3.605	63	2542	0.968	ug/l #	91
25) 2-Butanone	4.568	43	6720	4.701	ug/l #	82
26) 2,2-Dichloropropane	4.459	77	1969	0.934	ug/l	88
27) cis-1,2-Dichloroethene	4.501	96	1470	0.958	ug/l	96
28) Bromochloromethane	4.904	49	1099	0.923	ug/l #	91
29) Tetrahydrofuran	5.013	42	4540	4.934	ug/l	98
30) Chloroform	5.086	83	2514	0.970	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	2122	0.956	ug/l #	51
36) 1,1-Dichloropropene	5.690	75	2125	1.052	ug/l	94
37) Ethyl Acetate	4.733	43	2855	1.060	ug/l #	72
38) Carbon Tetrachloride	5.678	117	1731	0.936	ug/l #	78
39) Methylcyclohexane	7.373	83	2427	1.001	ug/l #	78
40) Benzene	6.037	78	5706	0.998	ug/l #	87
41) Methacrylonitrile	4.940	41	1121	0.851	ug/l #	86
42) 1,2-Dichloroethane	6.092	62	2030	0.934	ug/l	83
43) Isopropyl Acetate	6.348	43	3385	0.856	ug/l #	96
44) Trichloroethene	7.123	130	1364	0.973	ug/l	90
45) 1,2-Dichloropropane	7.428	63	1476	0.962	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	986	0.930	ug/l #	87
47) Bromodichloromethane	7.818	83	1827	0.931	ug/l #	84
48) Methyl methacrylate	7.708	41	1766	0.909	ug/l	91
49) 1,4-Dioxane	7.677	88	668	17.768	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	13069	4.801	ug/l	97
52) Toluene	8.714	92	3153	0.923	ug/l	89
53) t-1,3-Dichloropropene	8.988	75	1590	0.763	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	2022	0.883	ug/l #	95
55) 1,1,2-Trichloroethane	9.153	97	1447	0.995	ug/l	98
56) Ethyl methacrylate	9.122	69	1946	0.827	ug/l	94
57) 1,3-Dichloropropane	9.311	76	2302	0.934	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	4806	4.319	ug/l	93
59) 2-Hexanone	9.433	43	9298	4.315	ug/l	98
60) Dibromochloromethane	9.519	129	1136	0.828	ug/l	98
61) 1,2-Dibromoethane	9.610	107	1324	0.879	ug/l	89
64) Tetrachloroethene	9.269	164	1266	1.173	ug/l #	85
65) Chlorobenzene	10.079	112	3632	1.051	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	1010	0.858	ug/l #	64
67) Ethyl Benzene	10.195	91	6272	0.978	ug/l	97
68) m/p-Xylenes	10.299	106	4549	1.928	ug/l	96
69) o-Xylene	10.646	106	2388	1.022	ug/l	97
70) Styrene	10.659	104	3703	0.970	ug/l	93
71) Bromoform	10.805	173	711	0.805	ug/l #	96
73) Isopropylbenzene	10.963	105	5686	1.011	ug/l	96
74) N-amyl acetate	10.848	43	2487	0.848	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	2185	1.017	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	2017m	1.101	ug/l	
77) Bromobenzene	11.201	156	1322	1.056	ug/l	92
78) n-propylbenzene	11.305	91	6703	0.985	ug/l	96
79) 2-Chlorotoluene	11.366	91	4615	1.097	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	4683	0.980	ug/l	98
82) 4-Chlorotoluene	11.457	91	4967	1.041	ug/l	97
83) tert-Butylbenzene	11.713	119	4452	0.976	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	4590	0.963	ug/l	97
85) sec-Butylbenzene	11.890	105	5398	0.912	ug/l	98
86) p-Isopropyltoluene	12.012	119	4245	0.897	ug/l	89
87) 1,3-Dichlorobenzene	11.969	146	2447	1.019	ug/l	96
88) 1,4-Dichlorobenzene	12.036	146	2783m	1.122	ug/l	
89) n-Butylbenzene	12.335	91	4231	0.926	ug/l	93
90) Hexachloroethane	12.542	117	654	0.819	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	2616	1.102	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	497	0.944	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	1532	1.056	ug/l	93
94) Hexachlorobutadiene	13.725	225	590	0.978	ug/l	97
95) Naphthalene	13.780	128	5344	1.001	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1582	1.081	ug/l	95

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

Manual Integrations

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