

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082224\
 Data File : VX043084.D
 Acq On : 22 Aug 2024 12:37
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 23 04:18:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 04:08:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	369350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	667190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	551005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231473	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	74 - 125	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	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	2910	0.881	ug/l	92
3) Chloromethane	1.294	50	5657	1.142	ug/l	98
4) Vinyl Chloride	1.374	62	5644	1.076	ug/l #	87
6) Chloroethane	1.666	64	2784m	1.130	ug/l	
7) Trichlorofluoromethane	1.867	101	9583	1.081	ug/l	91
8) Diethyl Ether	2.136	74	4064	1.060	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.313	101	4363	1.010	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	4548	1.048	ug/l	96
14) Allyl chloride	2.660	41	8239	1.070	ug/l	96
15) Acrylonitrile	3.075	53	14507	4.914	ug/l	100
16) Acetone	2.392	43	14977	5.621	ug/l	98
17) Carbon Disulfide	2.502	76	11923	1.066	ug/l #	91
18) Methyl Acetate	2.709	43	9088	1.075	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	15481	0.948	ug/l	97
20) Methylene Chloride	2.782	84	5812	1.126	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	4400	0.986	ug/l	96
22) Diisopropyl ether	3.770	45	17394	1.031	ug/l #	83
23) Vinyl Acetate	3.727	43	88904	4.703	ug/l	100
24) 1,1-Dichloroethane	3.599	63	9068	1.008	ug/l	95
25) 2-Butanone	4.593	43	18933	4.665	ug/l	97
26) 2,2-Dichloropropane	4.471	77	7961	1.046	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	5670	1.016	ug/l	95
28) Bromochloromethane	4.891	49	4636	1.131	ug/l #	92
29) Tetrahydrofuran	5.025	42	12230	4.547	ug/l #	92
30) Chloroform	5.093	83	9237	1.022	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	7582	0.991	ug/l #	51
36) 1,1-Dichloropropene	5.696	75	5618	0.963	ug/l #	90
37) Ethyl Acetate	4.733	43	8514m	1.028	ug/l	
38) Carbon Tetrachloride	5.672	117	5256	0.863	ug/l	83
39) Methylcyclohexane	7.373	83	8251	1.073	ug/l	93
40) Benzene	6.037	78	18885	0.995	ug/l #	87
41) Methacrylonitrile	4.946	41	3975m	0.992	ug/l	
42) 1,2-Dichloroethane	6.092	62	6294	0.925	ug/l	97
43) Isopropyl Acetate	6.354	43	12801	0.982	ug/l	98
44) Trichloroethene	7.135	130	4423	1.022	ug/l	97
45) 1,2-Dichloropropane	7.427	63	4546	0.950	ug/l #	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	3713	1.059	ug/l	96
47) Bromodichloromethane	7.830	83	6616	0.956	ug/l #	96
48) Methyl methacrylate	7.708	41	4834	0.837	ug/l #	78
49) 1,4-Dioxane	7.684	88	1866	16.021	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	36201	4.619	ug/l	97
52) Toluene	8.720	92	10876	0.946	ug/l	85
53) t-1,3-Dichloropropene	8.988	75	5922	0.843	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	7448	0.965	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	4454	0.958	ug/l	93
56) Ethyl methacrylate	9.122	69	7316	0.913	ug/l	94
57) 1,3-Dichloropropane	9.311	76	8047	0.992	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.251	63	17899	4.675	ug/l	99
59) 2-Hexanone	9.439	43	27466	4.559	ug/l	100
60) Dibromochloromethane	9.525	129	4524	0.882	ug/l	96
61) 1,2-Dibromoethane	9.616	107	4133	0.897	ug/l	99
64) Tetrachloroethene	9.275	164	3877	1.071	ug/l	89
65) Chlorobenzene	10.079	112	12666	1.049	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	4256	1.024	ug/l #	65
67) Ethyl Benzene	10.195	91	20174	0.971	ug/l	95
68) m/p-Xylenes	10.305	106	15206	1.923	ug/l	99
69) o-Xylene	10.646	106	8106	1.010	ug/l	93
70) Styrene	10.659	104	11919	0.908	ug/l	97
71) Bromoform	10.805	173	2896	0.844	ug/l #	98
73) Isopropylbenzene	10.963	105	18585	1.028	ug/l	97
74) N-amyl acetate	10.848	43	8882	0.926	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	7010	1.044	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	5603m	1.039	ug/l	
77) Bromobenzene	11.201	156	4036	0.987	ug/l	91
78) n-propylbenzene	11.305	91	19941	0.980	ug/l	100
79) 2-Chlorotoluene	11.366	91	14476	1.135	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	14971	1.018	ug/l	98
82) 4-Chlorotoluene	11.457	91	14697	1.032	ug/l	99
83) tert-Butylbenzene	11.713	119	15810	1.033	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	13695	0.929	ug/l	91
85) sec-Butylbenzene	11.890	105	18181	0.982	ug/l	96
86) p-Isopropyltoluene	12.012	119	14235	0.947	ug/l	93
87) 1,3-Dichlorobenzene	11.975	146	7978	1.035	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	7984m	1.030	ug/l	
89) n-Butylbenzene	12.335	91	11913	0.899	ug/l	94
90) Hexachloroethane	12.536	117	3209	1.028	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	7565	0.975	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1266	0.867	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	3721	0.882	ug/l	95
94) Hexachlorobutadiene	13.725	225	1660	1.011	ug/l	93
95) Naphthalene	13.780	128	14739	0.894	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	4334	0.979	ug/l	97

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

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