

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110723\
 Data File : VX038630.D
 Acq On : 07 Nov 2023 13:12
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Nov 08 03:02:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 01:38:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/08/2023
 Supervised By : Mahesh Dadoda 11/08/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	341692	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	516703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	488674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266711	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	3169	0.893	ug/l	98
3) Chloromethane	1.295	50	3629	1.183	ug/l	94
4) Vinyl Chloride	1.374	62	3475	1.064	ug/l	95
6) Chloroethane	1.691	64	2253	1.090	ug/l	97
7) Trichlorofluoromethane	1.892	101	5430	0.965	ug/l	95
8) Diethyl Ether	2.130	74	2087	1.080	ug/l	70
9) 1,1,2-Trichlorotrifluo...	2.325	101	3334	1.002	ug/l	90
12) 1,1-Dichloroethene	2.319	96	3367	1.056	ug/l	83
14) Allyl chloride	2.660	41	4902	1.073	ug/l	96
15) Acrylonitrile	3.063	53	9210	5.018	ug/l	98
16) Acetone	2.380	43	10578	5.904	ug/l	97
17) Carbon Disulfide	2.514	76	8845	1.044	ug/l	98
18) Methyl Acetate	2.703	43	7791	1.021	ug/l #	90
19) Methyl tert-butyl Ether	3.111	73	10061	0.987	ug/l #	90
20) Methylene Chloride	2.788	84	4068	1.126	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	3527	1.016	ug/l #	80
22) Diisopropyl ether	3.764	45	8449	0.981	ug/l #	92
23) Vinyl Acetate	3.727	43	28422	4.652	ug/l	98
24) 1,1-Dichloroethane	3.611	63	5995	1.053	ug/l	96
25) 2-Butanone	4.562	43	13824	5.327	ug/l	93
26) 2,2-Dichloropropane	4.477	77	5069	1.019	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	4064	1.014	ug/l	85
28) Bromochloromethane	4.891	49	2510	0.981	ug/l #	70
29) Tetrahydrofuran	5.001	42	8087	5.008	ug/l	88
30) Chloroform	5.093	83	7668	1.148	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	5736	0.975	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	5054	1.093	ug/l	95
37) Ethyl Acetate	4.715	43	4790	1.015	ug/l #	91
38) Carbon Tetrachloride	5.678	117	4971	0.962	ug/l	87
39) Methylcyclohexane	7.379	83	5876	1.017	ug/l	87
40) Benzene	6.038	78	13960	1.048	ug/l	99
41) Methacrylonitrile	4.928	41	2392	0.995	ug/l #	62
42) 1,2-Dichloroethane	6.092	62	4715	0.981	ug/l	96
43) Isopropyl Acetate	6.348	43	7141	0.984	ug/l	95
44) Trichloroethene	7.123	130	4209	1.016	ug/l	96
45) 1,2-Dichloropropane	7.434	63	3307	1.027	ug/l #	76

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	2665	0.990	ug/l #	85
47) Bromodichloromethane	7.818	83	5488	1.084	ug/l	98
48) Methyl methacrylate	7.696	41	3368	0.963	ug/l	87
49) 1,4-Dioxane	7.665	88	1588	19.948	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	22648	4.791	ug/l	94
52) Toluene	8.720	92	8432	0.967	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	4647	0.902	ug/l	90
54) cis-1,3-Dichloropropene	8.366	75	5132	0.943	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	3535	0.955	ug/l	92
56) Ethyl methacrylate	9.116	69	4395	0.849	ug/l	92
57) 1,3-Dichloropropane	9.311	76	5923	1.028	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	11131	4.372	ug/l	91
59) 2-Hexanone	9.433	43	18733	4.897	ug/l	96
60) Dibromochloromethane	9.519	129	3981	0.958	ug/l	95
61) 1,2-Dibromoethane	9.610	107	3988	0.959	ug/l	97
64) Tetrachloroethene	9.275	164	3815	1.043	ug/l	94
65) Chlorobenzene	10.080	112	9943	1.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	3483	0.931	ug/l #	61
67) Ethyl Benzene	10.195	91	16593	0.986	ug/l	99
68) m/p-Xylenes	10.299	106	12801	1.917	ug/l	99
69) o-Xylene	10.640	106	6118	0.942	ug/l	98
70) Styrene	10.659	104	9745	0.909	ug/l	95
71) Bromoform	10.799	173	2895	0.877	ug/l #	93
73) Isopropylbenzene	10.964	105	16278	0.995	ug/l	99
74) N-amyl acetate	10.842	43	4981	0.876	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	5981	1.057	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	5516m	1.044	ug/l	
77) Bromobenzene	11.201	156	4626	1.030	ug/l	77
78) n-propylbenzene	11.305	91	19064	1.001	ug/l	98
79) 2-Chlorotoluene	11.366	91	11503	1.009	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	13352	0.948	ug/l	95
82) 4-Chlorotoluene	11.451	91	12862	0.966	ug/l	89
83) tert-Butylbenzene	11.713	119	13641	0.956	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	12771	0.914	ug/l	95
85) sec-Butylbenzene	11.890	105	17499	0.983	ug/l	100
86) p-Isopropyltoluene	12.006	119	14449	0.953	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	8857	1.032	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	9389m	1.064	ug/l	
89) n-Butylbenzene	12.335	91	13104	0.971	ug/l	93
90) Hexachloroethane	12.536	117	2274	0.885	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	8778	1.047	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1442	1.014	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	6201	1.034	ug/l	96
94) Hexachlorobutadiene	13.725	225	2789	1.078	ug/l	93
95) Naphthalene	13.774	128	17449	0.965	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	6213	1.051	ug/l	95

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

Manual Integrations APPROVED

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