

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043925.D
 Acq On : 21 Nov 2024 09:47
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Nov 21 12:38:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 12:38:21 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	5.544	168	148984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	260569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	218244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92854	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	3148	1.232	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.460%#
35) Dibromofluoromethane	5.385	113	1980	1.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.120%#
50) Toluene-d8	8.647	98	7267	1.132	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.260%#
62) 4-Bromofluorobenzene	11.079	95	2216	1.015	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	2.020%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	1889	1.001	ug/l	87
3) Chloromethane	1.295	50	1723	0.868	ug/l	90
4) Vinyl Chloride	1.374	62	2010	0.951	ug/l #	82
5) Bromomethane	1.593	94	1826	1.405	ug/l #	76
6) Chloroethane	1.666	64	1724	1.339	ug/l #	84
7) Trichlorofluoromethane	1.874	101	3093	0.819	ug/l	92
8) Diethyl Ether	2.136	74	1421	1.032	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.313	101	1764	0.979	ug/l	92
10) Methyl Iodide	2.441	142	1911	0.849	ug/l #	91
11) Tert butyl alcohol	2.941	59	3949	9.211	ug/l #	72
12) 1,1-Dichloroethene	2.300	96	1775	1.034	ug/l #	68
13) Acrolein	2.233	56	2045	4.730	ug/l	87
14) Allyl chloride	2.654	41	2371	0.845	ug/l #	78
15) Acrylonitrile	3.063	53	4483	4.485	ug/l	96
16) Acetone	2.386	43	5977	5.093	ug/l #	80
17) Carbon Disulfide	2.502	76	3223	0.910	ug/l	99
18) Methyl Acetate	2.703	43	2775	1.015	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	5162	0.828	ug/l	92
20) Methylene Chloride	2.782	84	2099	1.054	ug/l #	78
21) trans-1,2-Dichloroethene	3.081	96	1624	0.916	ug/l	94
22) Diisopropyl ether	3.751	45	4882	0.814	ug/l #	23
23) Vinyl Acetate	3.727	43	18541	3.613	ug/l	95
24) 1,1-Dichloroethane	3.593	63	2919	0.844	ug/l #	94
25) 2-Butanone	4.581	43	6676	4.408	ug/l	95
26) 2,2-Dichloropropane	4.459	77	2687	0.860	ug/l	83
27) cis-1,2-Dichloroethene	4.495	96	2007	0.916	ug/l	93
28) Bromochloromethane	4.885	49	842	0.553	ug/l #	64
29) Tetrahydrofuran	5.013	42	4264	4.594	ug/l	93
30) Chloroform	5.093	83	3187	0.856	ug/l #	81
31) Cyclohexane	5.446	56	2563	0.900	ug/l #	67
32) 1,1,1-Trichloroethane	5.373	97	2600	0.810	ug/l #	43
36) 1,1-Dichloropropene	5.690	75	1993	0.859	ug/l #	79
37) Ethyl Acetate	4.733	43	1632	0.584	ug/l #	76
38) Carbon Tetrachloride	5.660	117	2287	0.877	ug/l #	75
39) Methylcyclohexane	7.379	83	2835	0.941	ug/l	94
40) Benzene	6.032	78	6312	0.873	ug/l #	83

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41) Methacrylonitrile	4.934	41	724	0.487	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	2602	0.896	ug/l	81
43) Isopropyl Acetate	6.355	43	3881	0.847	ug/l #	85
44) Trichloroethene	7.123	130	2850	1.393	ug/l	90
45) 1,2-Dichloropropane	7.428	63	1503	0.849	ug/l	98
46) Dibromomethane	7.580	93	1246	0.890	ug/l	90
47) Bromodichloromethane	7.824	83	1819	0.724	ug/l #	96
48) Methyl methacrylate	7.702	41	1511	0.714	ug/l	91
49) 1,4-Dioxane	7.671	88	613	18.330	ug/l #	43
51) 4-Methyl-2-Pentanone	8.574	43	11392	4.073	ug/l	91
52) Toluene	8.714	92	3313	0.766	ug/l	79
53) t-1,3-Dichloropropene	8.988	75	1776	0.694	ug/l #	88
54) cis-1,3-Dichloropropene	8.366	75	2132	0.759	ug/l #	75
55) 1,1,2-Trichloroethane	9.153	97	1496	0.838	ug/l #	83
56) Ethyl methacrylate	9.122	69	1973	0.709	ug/l #	69
57) 1,3-Dichloropropane	9.305	76	2502	0.832	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	4135	2.662	ug/l	92
59) 2-Hexanone	9.439	43	7726	3.675	ug/l	95
60) Dibromochloromethane	9.519	129	1296	0.723	ug/l	92
61) 1,2-Dibromoethane	9.610	107	1342	0.743	ug/l	81
64) Tetrachloroethene	9.269	164	1329	0.924	ug/l	90
65) Chlorobenzene	10.073	112	4585	0.957	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	10.165	131	1136	0.731	ug/l #	65
67) Ethyl Benzene	10.195	91	6890	0.848	ug/l #	84
68) m/p-Xylenes	10.305	106	5324	1.758	ug/l	98
69) o-Xylene	10.640	106	2370	0.801	ug/l	94
70) Styrene	10.665	104	3751	0.767	ug/l	96
71) Bromoform	10.799	173	632	1.756	ug/l #	88
73) Isopropylbenzene	10.964	105	6379	0.894	ug/l	93
74) N-amyl acetate	10.848	43	2319	0.701	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	2224	0.910	ug/l	82
76) 1,2,3-Trichloropropane	11.244	75	2077	1.020	ug/l	96
77) Bromobenzene	11.201	156	1475	0.866	ug/l	93
78) n-propylbenzene	11.305	91	6810	0.854	ug/l	95
79) 2-Chlorotoluene	11.366	91	4618	0.916	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	5022	0.855	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.025	75	442	0.592	ug/l #	76
82) 4-Chlorotoluene	11.457	91	4940	0.868	ug/l	93
83) tert-Butylbenzene	11.713	119	4794	0.824	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	4748	0.812	ug/l	99
85) sec-Butylbenzene	11.890	105	5787	0.812	ug/l	96
86) p-Isopropyltoluene	12.012	119	4187	0.723	ug/l	86
87) 1,3-Dichlorobenzene	11.969	146	2934	0.946	ug/l	93
88) 1,4-Dichlorobenzene	11.969	146	2934	0.942	ug/l	94
89) n-Butylbenzene	12.335	91	3522	0.690	ug/l	94
90) Hexachloroethane	12.536	117	835	0.848	ug/l	82
91) 1,2-Dichlorobenzene	12.335	146	2796	0.893	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.957	75	395	0.807	ug/l	61
93) 1,2,4-Trichlorobenzene	13.597	180	1576	0.854	ug/l	80
94) Hexachlorobutadiene	13.725	225	709	0.972	ug/l	94
95) Naphthalene	13.780	128	4837	0.728	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1398	0.749	ug/l	86

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

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