

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042793.D
 Acq On : 01 Aug 2024 13:54
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 01 16:18:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:14:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/01/2024
 Supervised By : Semsettin Yesilyurt 08/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	115298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77214	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	1899	1.039	ug/l	92
3) Chloromethane	1.301	50	2018	0.974	ug/l	100
4) Vinyl Chloride	1.374	62	1602	1.120	ug/l	99
6) Chloroethane	1.666	64	521	1.009	ug/l #	85
7) Trichlorofluoromethane	1.874	101	2003	1.044	ug/l	97
8) Diethyl Ether	2.130	74	873	1.194	ug/l	63
9) 1,1,2-Trichlorotrifluo...	2.319	101	1601	1.106	ug/l #	87
12) 1,1-Dichloroethene	2.306	96	1435	1.023	ug/l #	69
14) Allyl chloride	2.660	41	1741	0.965	ug/l #	93
15) Acrylonitrile	3.075	53	3586	4.713	ug/l	97
16) Acetone	2.386	43	3716	5.525	ug/l #	82
17) Carbon Disulfide	2.508	76	3588	1.133	ug/l #	93
18) Methyl Acetate	2.697	43	1407	0.833	ug/l #	71
19) Methyl tert-butyl Ether	3.111	73	4609	0.991	ug/l	96
20) Methylene Chloride	2.788	84	2178	0.606	ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	1595	1.102	ug/l #	63
22) Diisopropyl ether	3.764	45	3828	0.990	ug/l #	79
23) Vinyl Acetate	3.727	43	14143	4.206	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	2386	0.950	ug/l #	88
25) 2-Butanone	4.580	43	4529	4.583	ug/l #	89
26) 2,2-Dichloropropane	4.465	77	2317	1.078	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	1711	1.011	ug/l	89
28) Bromochloromethane	4.897	49	825	0.916	ug/l #	64
29) Tetrahydrofuran	5.032	42	2565	4.167	ug/l #	77
30) Chloroform	5.080	83	2790	0.999	ug/l	89
32) 1,1,1-Trichloroethane	5.367	97	2367m	0.954	ug/l	
36) 1,1-Dichloropropene	5.684	75	1877	1.016	ug/l #	84
37) Ethyl Acetate	4.727	43	1917	1.017	ug/l #	81
38) Carbon Tetrachloride	5.666	117	2043	0.960	ug/l	91
39) Methylcyclohexane	7.379	83	2158	0.932	ug/l	91
40) Benzene	6.031	78	5558	0.959	ug/l #	89
41) Methacrylonitrile	4.952	41	771m	0.773	ug/l	
42) 1,2-Dichloroethane	6.092	62	1822	0.870	ug/l	89
43) Isopropyl Acetate	6.342	43	2609	0.885	ug/l #	97
44) Trichloroethene	7.129	130	1649	1.087	ug/l	60
45) 1,2-Dichloropropane	7.428	63	1038	0.799	ug/l #	82

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Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2024
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46) Dibromomethane	7.592	93	1087	0.982	ug/l	91
47) Bromodichloromethane	7.824	83	1718	0.851	ug/l	98
48) Methyl methacrylate	7.714	41	1240m	0.855	ug/l	
49) 1,4-Dioxane	7.684	88	500	44.079	ug/l #	46
51) 4-Methyl-2-Pentanone	8.580	43	7982	4.086	ug/l	88
52) Toluene	8.720	92	3837	1.020	ug/l	87
53) t-1,3-Dichloropropene	8.988	75	1758	0.879	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	1694	0.797	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	1610	1.059	ug/l	90
56) Ethyl methacrylate	9.122	69	1843	0.837	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	2250	0.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	4261	4.200	ug/l	95
59) 2-Hexanone	9.433	43	6507	4.296	ug/l	94
60) Dibromochloromethane	9.519	129	1328	0.862	ug/l	98
61) 1,2-Dibromoethane	9.616	107	1249	0.828	ug/l	94
64) Tetrachloroethene	9.281	164	1159	0.939	ug/l #	85
65) Chlorobenzene	10.086	112	3825	0.951	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	1216	0.905	ug/l #	58
67) Ethyl Benzene	10.195	91	6303	0.932	ug/l	96
68) m/p-Xylenes	10.305	106	4825	1.867	ug/l	92
69) o-Xylene	10.640	106	2295	0.898	ug/l	90
70) Styrene	10.659	104	4008	0.928	ug/l #	87
71) Bromoform	10.805	173	899	0.895	ug/l #	98
73) Isopropylbenzene	10.963	105	5696	0.964	ug/l	91
74) N-amyl acetate	10.854	43	1958	0.862	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	2130	1.045	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	1870m	1.039	ug/l	
77) Bromobenzene	11.195	156	1554	1.062	ug/l	96
78) n-propylbenzene	11.305	91	6117	0.929	ug/l	97
79) 2-Chlorotoluene	11.366	91	4496	1.049	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	4960	0.980	ug/l	94
82) 4-Chlorotoluene	11.457	91	4993	1.026	ug/l	97
83) tert-Butylbenzene	11.713	119	4460	0.884	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	4440	0.879	ug/l	87
85) sec-Butylbenzene	11.890	105	5698	0.923	ug/l	95
86) p-Isopropyltoluene	12.006	119	5173	0.993	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	3012	1.104	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	3058m	1.114	ug/l	
89) n-Butylbenzene	12.335	91	3670	0.861	ug/l	94
90) Hexachloroethane	12.542	117	966	1.047	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	2631	0.975	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	12.939	75	383	0.844	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	1546	0.998	ug/l	99
94) Hexachlorobutadiene	13.719	225	849	1.262	ug/l	91
95) Naphthalene	13.780	128	6034	1.020	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1557	0.978	ug/l	86

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

