

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037596.D
 Acq On : 08 Sep 2023 10:42
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Sep 09 03:59:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	155815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	3030	1.441	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	2.880%#		
35) Dibromofluoromethane	5.391	113	2394	1.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	2.580%#		
50) Toluene-d8	8.647	98	8183	1.206	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	2.420%#		
62) 4-Bromofluorobenzene	11.085	95	2442	0.955	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	1.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1688	1.067	ug/l	100
3) Chloromethane	1.307	50	1827	1.032	ug/l #	87
4) Vinyl Chloride	1.374	62	1924	1.055	ug/l #	83
5) Bromomethane	1.605	94	1432	1.772	ug/l #	74
6) Chloroethane	1.678	64	1259	1.289	ug/l	97
7) Trichlorofluoromethane	1.886	101	2843	1.147	ug/l	88
8) Diethyl Ether	2.136	74	1089	0.989	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	1780	1.074	ug/l	96
10) Methyl Iodide	2.453	142	1900	0.884	ug/l	89
11) Tert butyl alcohol	2.965	59	2749	5.841	ug/l #	94
12) 1,1-Dichloroethene	2.313	96	1707	1.020	ug/l #	67
13) Acrolein	2.239	56	2284	4.936	ug/l	91
14) Allyl chloride	2.660	41	2274	0.969	ug/l #	89
15) Acrylonitrile	3.068	53	4682	4.563	ug/l	96
16) Acetone	2.380	43	5059	5.849	ug/l #	87
17) Carbon Disulfide	2.508	76	4186	0.999	ug/l	96
18) Methyl Acetate	2.703	43	3340	0.952	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	5611	0.946	ug/l	99
20) Methylene Chloride	2.794	84	2607	0.334	ug/l #	78
21) trans-1,2-Dichloroethene	3.093	96	1959	1.048	ug/l #	74
22) Diisopropyl ether	3.770	45	4886	0.983	ug/l #	88
23) Vinyl Acetate	3.727	43	15297	4.313	ug/l #	91
24) 1,1-Dichloroethane	3.617	63	3046	0.941	ug/l	99
25) 2-Butanone	4.574	43	6569	5.008	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	2414	1.011	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	2176	0.977	ug/l	84
28) Bromochloromethane	4.904	49	1621	1.147	ug/l #	80
29) Tetrahydrofuran	5.025	42	4085	4.861	ug/l #	87
30) Chloroform	5.099	83	3441	0.991	ug/l	97
31) Cyclohexane	5.471	56	2596	1.014	ug/l #	72
32) 1,1,1-Trichloroethane	5.397	97	2897	0.968	ug/l #	47
36) 1,1-Dichloropropene	5.702	75	2541	1.039	ug/l	96
37) Ethyl Acetate	4.733	43	2602	1.038	ug/l #	95
38) Carbon Tetrachloride	5.678	117	2333	0.923	ug/l	85
39) Methylcyclohexane	7.379	83	2967	0.995	ug/l #	84
40) Benzene	6.044	78	7466	0.993	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	1014	0.794	ug/l #	79
42) 1,2-Dichloroethane	6.092	62	2525	1.002	ug/l	100
43) Isopropyl Acetate	6.348	43	3446	0.918	ug/l #	96
44) Trichloroethene	7.129	130	2032	0.983	ug/l	98
45) 1,2-Dichloropropane	7.427	63	1897	1.030	ug/l	91
46) Dibromomethane	7.580	93	1357	0.982	ug/l	89
47) Bromodichloromethane	7.824	83	2137	0.846	ug/l #	91
48) Methyl methacrylate	7.702	41	1569	0.873	ug/l #	81
49) 1,4-Dioxane	7.671	88	1116	19.795	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	11492	4.813	ug/l	92
52) Toluene	8.720	92	4779	0.978	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	1984	0.756	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	2337	0.801	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	1883	0.927	ug/l	93
56) Ethyl methacrylate	9.122	69	2380	0.804	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	3132	0.925	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	7014	4.684	ug/l	98
59) 2-Hexanone	9.439	43	7884	4.329	ug/l	88
60) Dibromochloromethane	9.525	129	1668	0.825	ug/l	99
61) 1,2-Dibromoethane	9.610	107	2051	0.943	ug/l	96
64) Tetrachloroethene	9.281	164	1758	1.051	ug/l #	92
65) Chlorobenzene	10.079	112	5195	0.990	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	1763	0.948	ug/l #	61
67) Ethyl Benzene	10.195	91	8510	0.954	ug/l	100
68) m/p-Xylenes	10.305	106	6515	1.857	ug/l	100
69) o-Xylene	10.640	106	3139	0.900	ug/l	92
70) Styrene	10.659	104	4806	0.848	ug/l	95
71) Bromoform	10.799	173	1098	0.937	ug/l #	91
73) Isopropylbenzene	10.963	105	7963	0.974	ug/l	98
74) N-amyl acetate	10.848	43	2468	0.876	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	2932	1.032	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	2956	1.158	ug/l	92
77) Bromobenzene	11.201	156	2117	1.046	ug/l	89
78) n-propylbenzene	11.305	91	8636	0.950	ug/l	99
79) 2-Chlorotoluene	11.366	91	6075	1.052	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	6266	0.904	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	503	2.769	ug/l	93
82) 4-Chlorotoluene	11.457	91	6336	0.973	ug/l	99
83) tert-Butylbenzene	11.713	119	6771	0.968	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	6422	0.926	ug/l	93
85) sec-Butylbenzene	11.890	105	7936	0.942	ug/l	98
86) p-Isopropyltoluene	12.012	119	6289	0.881	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	3900	1.013	ug/l	98
88) 1,4-Dichlorobenzene	11.969	146	3900	0.996	ug/l	99
89) n-Butylbenzene	12.335	91	5020	0.856	ug/l	99
90) Hexachloroethane	12.536	117	970	0.800	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	4023	1.049	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	460	0.760	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	1890	0.815	ug/l	91
94) Hexachlorobutadiene	13.725	225	1104	1.078	ug/l	91
95) Naphthalene	13.774	128	6812	0.841	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2231	0.931	ug/l	97

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

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