

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037653.D
 Acq On : 11 Sep 2023 20:38
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 12 09:59:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 09:13:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

09/12/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	156478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	288640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116562	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	1908	1.140	ug/l	100
3) Chloromethane	1.301	50	2365	1.205	ug/l	94
4) Vinyl Chloride	1.374	62	2642	1.223	ug/l	96
6) Chloroethane	1.685	64	1838m	1.252	ug/l	
7) Trichlorofluoromethane	1.886	101	3861	1.054	ug/l	97
8) Diethyl Ether	2.136	74	1454	0.982	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	1855	1.145	ug/l	98
12) 1,1-Dichloroethene	2.325	96	1840	1.156	ug/l #	58
14) Allyl chloride	2.666	41	3121	1.102	ug/l	96
15) Acrylonitrile	3.069	53	5658	4.752	ug/l	94
16) Acetone	2.380	43	5763	5.507	ug/l #	79
17) Carbon Disulfide	2.508	76	4842	1.180	ug/l #	93
18) Methyl Acetate	2.709	43	4460	1.017	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	6346	0.988	ug/l #	89
20) Methylene Chloride	2.794	84	3434	0.434	ug/l #	81
21) trans-1,2-Dichloroethene	3.087	96	1931	1.023	ug/l #	71
22) Diisopropyl ether	3.764	45	6039	0.977	ug/l #	77
23) Vinyl Acetate	3.733	43	19364	4.270	ug/l	97
24) 1,1-Dichloroethane	3.611	63	3627	1.003	ug/l	96
25) 2-Butanone	4.574	43	9007	5.360	ug/l #	89
26) 2,2-Dichloropropane	4.483	77	2293	0.916	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	2290	1.015	ug/l	94
28) Bromochloromethane	4.904	49	1862	1.015	ug/l #	90
29) Tetrahydrofuran	5.032	42	5255	4.848	ug/l #	83
30) Chloroform	5.093	83	3816	0.973	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	2947	0.895	ug/l #	52
36) 1,1-Dichloropropene	5.696	75	3018	1.070	ug/l	99
37) Ethyl Acetate	4.727	43	2665m	0.819	ug/l	
38) Carbon Tetrachloride	5.678	117	2870	1.019	ug/l	88
39) Methylcyclohexane	7.379	83	3325	1.002	ug/l	92
40) Benzene	6.044	78	8005	0.933	ug/l	94
41) Methacrylonitrile	4.940	41	1457	0.843	ug/l #	87
42) 1,2-Dichloroethane	6.098	62	3342	1.005	ug/l	90
43) Isopropyl Acetate	6.348	43	4385	0.853	ug/l #	97
44) Trichloroethene	7.129	130	2223	1.062	ug/l	96
45) 1,2-Dichloropropane	7.434	63	2045	0.908	ug/l #	87

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46) Dibromomethane	7.586	93	1541	0.938	ug/l	96
47) Bromodichloromethane	7.830	83	2488	0.845	ug/l	94
48) Methyl methacrylate	7.708	41	2225	0.886	ug/l	90
49) 1,4-Dioxane	7.671	88	1169	18.683	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	14455	4.262	ug/l	97
52) Toluene	8.720	92	5190	0.956	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	2190	0.736	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	2687	0.828	ug/l #	79
55) 1,1,2-Trichloroethane	9.153	97	2066	0.885	ug/l	91
56) Ethyl methacrylate	9.116	69	2854	0.814	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	3753	0.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	8064	4.763	ug/l	97
59) 2-Hexanone	9.439	43	10982	4.222	ug/l	99
60) Dibromochloromethane	9.525	129	1775	0.783	ug/l	95
61) 1,2-Dibromoethane	9.616	107	2254	0.916	ug/l	98
64) Tetrachloroethene	9.275	164	1915	1.133	ug/l	87
65) Chlorobenzene	10.079	112	5626	0.989	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	1607	0.810	ug/l #	66
67) Ethyl Benzene	10.195	91	9538	0.943	ug/l	95
68) m/p-Xylenes	10.299	106	7114	1.846	ug/l	98
69) o-Xylene	10.646	106	3606	0.944	ug/l	97
70) Styrene	10.659	104	5230	0.830	ug/l	98
71) Bromoform	10.805	173	1216	0.801	ug/l #	95
73) Isopropylbenzene	10.963	105	8785	1.001	ug/l	99
74) N-amyl acetate	10.848	43	3509	0.906	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	3211	0.965	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	2655m	1.008	ug/l	
77) Bromobenzene	11.201	156	2105	1.000	ug/l	100
78) n-propylbenzene	11.305	91	9910	0.979	ug/l	99
79) 2-Chlorotoluene	11.366	91	6518	1.047	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	6959	0.939	ug/l	100
82) 4-Chlorotoluene	11.457	91	7261	1.025	ug/l	96
83) tert-Butylbenzene	11.713	119	7152	0.968	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	7002	0.941	ug/l	98
85) sec-Butylbenzene	11.890	105	8764	0.957	ug/l	100
86) p-Isopropyltoluene	12.012	119	6847	0.908	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	4171	1.043	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	4511m	1.108	ug/l	
89) n-Butylbenzene	12.335	91	6131	0.908	ug/l	95
90) Hexachloroethane	12.536	117	1044	0.819	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	3884	0.955	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	526	0.753	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	2327	0.985	ug/l	95
94) Hexachlorobutadiene	13.719	225	881	0.860	ug/l	81
95) Naphthalene	13.780	128	8071	0.944	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2445	1.004	ug/l	96

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

09/12/2023

[illegible]