

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037603.D
 Acq On : 08 Sep 2023 14:21
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Sep 09 04:05:44 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	150819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109743	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	1404	0.917	ug/l	99
3) Chloromethane	1.306	50	1830	1.068	ug/l	97
4) Vinyl Chloride	1.373	62	1801	1.020	ug/l	99
6) Chloroethane	1.678	64	1072m	1.134	ug/l	
7) Trichlorofluoromethane	1.886	101	2729	1.138	ug/l	93
8) Diethyl Ether	2.129	74	1051	0.986	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	1643	1.024	ug/l	87
12) 1,1-Dichloroethene	2.318	96	1713	1.058	ug/l #	75
14) Allyl chloride	2.666	41	2208	0.972	ug/l #	88
15) Acrylonitrile	3.074	53	5068	5.103	ug/l	95
16) Acetone	2.385	43	5208	6.221	ug/l #	87
17) Carbon Disulfide	2.507	76	4821	1.189	ug/l #	93
18) Methyl Acetate	2.709	43	3364	0.990	ug/l #	84
19) Methyl tert-butyl Ether	3.117	73	5558	0.968	ug/l	97
20) Methylene Chloride	2.788	84	2884	0.524	ug/l #	80
21) trans-1,2-Dichloroethene	3.093	96	1897	1.049	ug/l	89
22) Diisopropyl ether	3.757	45	4698	0.977	ug/l #	62
23) Vinyl Acetate	3.727	43	14928	4.348	ug/l	95
24) 1,1-Dichloroethane	3.611	63	3155	1.007	ug/l #	87
25) 2-Butanone	4.580	43	6645	5.233	ug/l #	82
26) 2,2-Dichloropropane	4.483	77	2184	0.945	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	2116	0.981	ug/l	83
28) Bromochloromethane	4.909	49	1334	0.975	ug/l #	72
29) Tetrahydrofuran	5.019	42	4062	4.994	ug/l #	85
30) Chloroform	5.104	83	3279	0.975	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	2726	0.941	ug/l #	50
36) 1,1-Dichloropropene	5.696	75	2568	1.052	ug/l	95
37) Ethyl Acetate	4.733	43	2691m	1.075	ug/l	
38) Carbon Tetrachloride	5.678	117	2368	0.938	ug/l #	93
39) Methylcyclohexane	7.385	83	2867	0.963	ug/l #	79
40) Benzene	6.043	78	7251	0.965	ug/l	90
41) Methacrylonitrile	4.958	41	1149m	0.901	ug/l	
42) 1,2-Dichloroethane	6.092	62	2443	0.971	ug/l	100
43) Isopropyl Acetate	6.354	43	3350	0.893	ug/l #	92
44) Trichloroethene	7.141	130	2172	1.053	ug/l	82
45) 1,2-Dichloropropane	7.439	63	1664	0.904	ug/l #	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1226	0.888	ug/l #	80
47) Bromodichloromethane	7.830	83	2213	0.877	ug/l #	90
48) Methyl methacrylate	7.702	41	1539	0.858	ug/l #	80
49) 1,4-Dioxane	7.671	88	1009	17.920	ug/l #	90
51) 4-Methyl-2-Pentanone	8.579	43	11325	4.749	ug/l	89
52) Toluene	8.720	92	4679	0.959	ug/l	98
53) t-1,3-Dichloropropene	8.988	75	2089	0.797	ug/l	92
54) cis-1,3-Dichloropropene	8.378	75	2269	0.778	ug/l #	83
55) 1,1,2-Trichloroethane	9.159	97	1870	0.922	ug/l #	84
56) Ethyl methacrylate	9.122	69	2427	0.821	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	3396	1.004	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	6678	4.465	ug/l	95
59) 2-Hexanone	9.439	43	8242	4.532	ug/l	84
60) Dibromochloromethane	9.524	129	1591	0.788	ug/l	99
61) 1,2-Dibromoethane	9.616	107	1931	0.889	ug/l	99
64) Tetrachloroethene	9.274	164	1895	1.123	ug/l	95
65) Chlorobenzene	10.079	112	5472	1.034	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	1547	0.825	ug/l #	61
67) Ethyl Benzene	10.195	91	8882	0.987	ug/l	98
68) m/p-Xylenes	10.305	106	6799	1.921	ug/l	97
69) o-Xylene	10.646	106	3403	0.967	ug/l	98
70) Styrene	10.658	104	4986	0.871	ug/l	95
71) Bromoform	10.799	173	1102	0.933	ug/l #	94
73) Isopropylbenzene	10.963	105	8561	1.039	ug/l	99
74) N-amyl acetate	10.847	43	2484	0.874	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	2908	1.015	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	2616m	1.016	ug/l	
77) Bromobenzene	11.201	156	2111	1.035	ug/l	96
78) n-propylbenzene	11.305	91	9104	0.993	ug/l	99
79) 2-Chlorotoluene	11.366	91	6175	1.060	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	6851	0.980	ug/l	99
82) 4-Chlorotoluene	11.457	91	6896	1.050	ug/l	97
83) tert-Butylbenzene	11.719	119	7041	0.999	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	6676	0.955	ug/l	99
85) sec-Butylbenzene	11.890	105	8186	0.963	ug/l	100
86) p-Isopropyltoluene	12.012	119	6629	0.921	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	4225	1.088	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	4457m	1.129	ug/l	
89) n-Butylbenzene	12.335	91	5407	0.914	ug/l	99
90) Hexachloroethane	12.536	117	1041	0.851	ug/l	85
91) 1,2-Dichlorobenzene	12.341	146	4052	1.048	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	518	0.849	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	2310	0.988	ug/l	99
94) Hexachlorobutadiene	13.725	225	1017	0.985	ug/l	96
95) Naphthalene	13.774	128	7139	0.874	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2464	1.020	ug/l	98

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

Manual Integrations

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