

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044596.D
 Acq On : 07 Jan 2025 10:06
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Jan 08 02:56:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 02:50:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	171763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	304446	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	256598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105249	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	74 - 125	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	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	2356	0.948	ug/l	87
3) Chloromethane	1.294	50	2528	1.021	ug/l	90
4) Vinyl Chloride	1.374	62	2161	0.930	ug/l	98
6) Chloroethane	1.666	64	1657	1.343	ug/l #	84
7) Trichlorofluoromethane	1.873	101	3373	0.975	ug/l	85
8) Diethyl Ether	2.136	74	1388	1.136	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	1913m	0.964	ug/l	
12) 1,1-Dichloroethene	2.312	96	1851	0.963	ug/l	89
14) Allyl chloride	2.654	41	2973	0.930	ug/l	96
15) Acrylonitrile	3.068	53	4546	4.629	ug/l	99
16) Acetone	2.386	43	5331	6.107	ug/l #	75
17) Carbon Disulfide	2.508	76	3121	0.785	ug/l	96
18) Methyl Acetate	2.697	43	2652	1.029	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	6074	0.922	ug/l	96
20) Methylene Chloride	2.788	84	2360	1.060	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	1904	0.965	ug/l #	76
22) Diisopropyl ether	3.763	45	5870	0.894	ug/l #	57
23) Vinyl Acetate	3.727	43	20280	3.818	ug/l	99
24) 1,1-Dichloroethane	3.611	63	3494	0.913	ug/l #	86
25) 2-Butanone	4.593	43	5065	4.020	ug/l	91
26) 2,2-Dichloropropane	4.471	77	3241	0.979	ug/l	81
27) cis-1,2-Dichloroethene	4.483	96	2066	0.859	ug/l	90
28) Bromochloromethane	4.891	49	1791	1.005	ug/l #	88
29) Tetrahydrofuran	5.019	42	4263	4.941	ug/l	98
30) Chloroform	5.092	83	3923	0.951	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	2914	0.839	ug/l #	46
36) 1,1-Dichloropropene	5.696	75	2395	0.887	ug/l #	86
37) Ethyl Acetate	4.739	43	2519m	0.912	ug/l	
38) Carbon Tetrachloride	5.659	117	2842	0.949	ug/l #	74
39) Methylcyclohexane	7.373	83	3120	0.906	ug/l #	81
40) Benzene	6.043	78	7861	0.925	ug/l #	90
41) Methacrylonitrile	4.934	41	1129m	0.762	ug/l	
42) 1,2-Dichloroethane	6.098	62	2879	0.866	ug/l	92
43) Isopropyl Acetate	6.361	43	4006m	0.879	ug/l	
44) Trichloroethene	7.147	130	2161m	0.995	ug/l	
45) 1,2-Dichloropropane	7.433	63	1913	0.923	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044596.D
 Acq On : 07 Jan 2025 10:06
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Jan 08 02:56:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 02:50:31 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	1547	0.960	ug/l	87
47) Bromodichloromethane	7.824	83	2442	0.833	ug/l #	88
48) Methyl methacrylate	7.720	41	1733m	0.798	ug/l	
49) 1,4-Dioxane	7.702	88	483m	15.126	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	10986	4.125	ug/l	100
52) Toluene	8.720	92	4484	0.874	ug/l	97
53) t-1,3-Dichloropropene	8.994	75	2011	0.717	ug/l #	87
54) cis-1,3-Dichloropropene	8.366	75	2591	0.822	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	1876	0.933	ug/l	89
56) Ethyl methacrylate	9.128	69	2131	0.729	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	2823	0.836	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	6102	4.210	ug/l	96
59) 2-Hexanone	9.445	43	7059	3.748	ug/l	92
60) Dibromochloromethane	9.518	129	1408	0.702	ug/l	78
61) 1,2-Dibromoethane	9.610	107	1717	0.846	ug/l	92
64) Tetrachloroethene	9.269	164	1846	1.018	ug/l	91
65) Chlorobenzene	10.073	112	5014	0.921	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.153	131	1470	0.813	ug/l #	64
67) Ethyl Benzene	10.195	91	7980	0.853	ug/l	98
68) m/p-Xylenes	10.305	106	5317	1.547	ug/l	93
69) o-Xylene	10.640	106	3266	0.942	ug/l	81
70) Styrene	10.659	104	4055	0.731	ug/l	87
71) Bromoform	10.805	173	784	1.277	ug/l #	96
73) Isopropylbenzene	10.963	105	7140	0.916	ug/l	97
74) N-amyl acetate	10.854	43	2332	0.737	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	2410	0.959	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	2134m	1.011	ug/l	
77) Bromobenzene	11.201	156	1682	0.888	ug/l	95
78) n-propylbenzene	11.305	91	7221	0.822	ug/l	97
79) 2-Chlorotoluene	11.366	91	5802	1.019	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	5205	0.805	ug/l	97
82) 4-Chlorotoluene	11.457	91	5992	0.936	ug/l	91
83) tert-Butylbenzene	11.713	119	5537	0.860	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	5545	0.854	ug/l	96
85) sec-Butylbenzene	11.890	105	6591	0.841	ug/l	98
86) p-Isopropyltoluene	12.006	119	5229	0.795	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	3064	0.894	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	3710m	1.039	ug/l	
89) n-Butylbenzene	12.335	91	4140	0.745	ug/l	92
90) Hexachloroethane	12.536	117	1044	0.988	ug/l	82
91) 1,2-Dichlorobenzene	12.341	146	3284	0.948	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	415	0.871	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	1722	0.846	ug/l	90
94) Hexachlorobutadiene	13.719	225	765	0.903	ug/l	92
95) Naphthalene	13.780	128	4461	0.679	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1788	0.859	ug/l	90

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044596.D
Acq On : 07 Jan 2025 10:06
Operator : JC/MD
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Jan 08 02:56:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:50:31 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

