

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041091.D
 Acq On : 16 Apr 2024 09:25
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 01:43:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 01:43:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	210987	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	295499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149994	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	1758	1.050	ug/l	93
3) Chloromethane	1.300	50	1840	0.989	ug/l #	69
4) Vinyl Chloride	1.373	62	2183	1.024	ug/l	98
6) Chloroethane	1.691	64	1667	1.185	ug/l	98
7) Trichlorofluoromethane	1.892	101	3705	1.107	ug/l	91
8) Diethyl Ether	2.136	74	1439	1.096	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	2081	1.070	ug/l #	84
12) 1,1-Dichloroethene	2.318	96	1961	1.053	ug/l #	74
14) Allyl chloride	2.666	41	2892	0.960	ug/l	95
15) Acrylonitrile	3.068	53	5203	4.716	ug/l	99
16) Acetone	2.379	43	5140	5.368	ug/l #	89
17) Carbon Disulfide	2.514	76	4626	1.091	ug/l	98
18) Methyl Acetate	2.703	43	2228	0.932	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	5141	0.893	ug/l	97
20) Methylene Chloride	2.794	84	2142	1.048	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	1961	1.027	ug/l #	81
22) Diisopropyl ether	3.769	45	5139	0.891	ug/l #	95
23) Vinyl Acetate	3.727	43	21602	4.133	ug/l	99
24) 1,1-Dichloroethane	3.611	63	3241	0.960	ug/l #	97
25) 2-Butanone	4.568	43	6952	4.621	ug/l	97
26) 2,2-Dichloropropane	4.477	77	2648	0.988	ug/l #	54
27) cis-1,2-Dichloroethene	4.495	96	2286	0.991	ug/l	87
28) Bromochloromethane	4.903	49	1840	1.244	ug/l #	81
29) Tetrahydrofuran	5.025	42	4528	4.547	ug/l	100
30) Chloroform	5.098	83	3687	1.005	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	3275	1.017	ug/l #	49
36) 1,1-Dichloropropene	5.690	75	2595	1.038	ug/l	97
37) Ethyl Acetate	4.727	43	2847	0.954	ug/l #	87
38) Carbon Tetrachloride	5.672	117	2845	0.982	ug/l #	91
39) Methylcyclohexane	7.385	83	2978	0.950	ug/l #	83
40) Benzene	6.043	78	7619	0.999	ug/l	95
41) Methacrylonitrile	4.928	41	1196	0.765	ug/l #	74
42) 1,2-Dichloroethane	6.092	62	2658	0.972	ug/l	93
43) Isopropyl Acetate	6.354	43	3866	0.872	ug/l	96
44) Trichloroethene	7.135	130	2439	1.076	ug/l	92
45) 1,2-Dichloropropane	7.433	63	1660	0.916	ug/l	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1288	0.904	ug/l #	74
47) Bromodichloromethane	7.817	83	2474	0.892	ug/l #	81
48) Methyl methacrylate	7.702	41	1667	0.771	ug/l	94
49) 1,4-Dioxane	7.671	88	864	17.092	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	13140	4.364	ug/l	95
52) Toluene	8.720	92	4555	0.915	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	2065	0.777	ug/l #	88
54) cis-1,3-Dichloropropene	8.372	75	2394	0.819	ug/l	91
55) 1,1,2-Trichloroethane	9.159	97	1784	0.892	ug/l	91
56) Ethyl methacrylate	9.122	69	2006	0.713	ug/l	93
57) 1,3-Dichloropropane	9.311	76	2971	0.912	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	5503	3.913	ug/l	91
59) 2-Hexanone	9.433	43	9578	4.113	ug/l	96
60) Dibromochloromethane	9.524	129	1986	0.821	ug/l	98
61) 1,2-Dibromoethane	9.616	107	2162	0.990	ug/l	89
64) Tetrachloroethene	9.275	164	2152	0.994	ug/l	89
65) Chlorobenzene	10.079	112	6475	1.076	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.159	131	1786	0.868	ug/l #	64
67) Ethyl Benzene	10.195	91	9101	0.970	ug/l	99
68) m/p-Xylenes	10.299	106	6750	1.808	ug/l	90
69) o-Xylene	10.640	106	3322	0.914	ug/l	84
70) Styrene	10.658	104	5112	0.828	ug/l	92
71) Bromoform	10.799	173	1557	0.803	ug/l #	99
73) Isopropylbenzene	10.963	105	8282	0.936	ug/l	99
74) N-amyl acetate	10.847	43	2688	0.766	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	2774	0.955	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	2361m	0.966	ug/l	
77) Bromobenzene	11.201	156	2525	0.972	ug/l	75
78) n-propylbenzene	11.305	91	8866	0.894	ug/l	97
79) 2-Chlorotoluene	11.366	91	5749	0.950	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	6434	0.873	ug/l	97
82) 4-Chlorotoluene	11.457	91	6546	0.929	ug/l	94
83) tert-Butylbenzene	11.713	119	6814	0.867	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	6131	0.834	ug/l	91
85) sec-Butylbenzene	11.890	105	8317	0.882	ug/l	97
86) p-Isopropyltoluene	12.012	119	7154	0.855	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	5010	1.022	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	6005m	1.162	ug/l	
89) n-Butylbenzene	12.335	91	6083	0.857	ug/l	94
90) Hexachloroethane	12.536	117	1239	0.874	ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	4941	1.016	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	478	0.759	ug/l #	59
93) 1,2,4-Trichlorobenzene	13.591	180	3529	0.966	ug/l	96
94) Hexachlorobutadiene	13.725	225	1560	0.895	ug/l	85
95) Naphthalene	13.780	128	8135	0.824	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	3443	0.949	ug/l	96

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

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