

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032158.D
 Acq On : 17 Oct 2022 15:09
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 18 03:58:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 03:50:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	153350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258448	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84435	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	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1650	0.977	ug/l	99
3) Chloromethane	1.288	50	1850	1.135	ug/l	92
4) Vinyl Chloride	1.374	62	2009	1.106	ug/l	97
6) Chloroethane	1.685	64	1486	1.102	ug/l	92
7) Trichlorofluoromethane	1.886	101	3070	1.083	ug/l #	83
8) Diethyl Ether	2.130	74	1044	1.114	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	1453	1.085	ug/l	98
12) 1,1-Dichloroethene	2.319	96	1342	1.072	ug/l #	75
14) Allyl chloride	2.666	41	2701	1.221	ug/l	96
15) Acrylonitrile	3.068	53	4403	5.460	ug/l	97
16) Acetone	2.392	43	3293	5.607	ug/l	96
17) Carbon Disulfide	2.508	76	3151	1.003	ug/l	98
18) Methyl Acetate	2.703	43	2773	1.159	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	5694	1.096	ug/l	97
20) Methylene Chloride	2.788	84	2422	1.341	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	1847	1.089	ug/l	97
22) Diisopropyl ether	3.763	45	5434	0.989	ug/l	94
23) Vinyl Acetate	3.727	43	20109	4.685	ug/l	100
24) 1,1-Dichloroethane	3.617	63	3473	1.084	ug/l #	93
25) 2-Butanone	4.568	43	6420	5.116	ug/l	97
26) 2,2-Dichloropropane	4.477	77	2392	0.949	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	2172	1.065	ug/l	93
28) Bromochloromethane	4.897	49	1592	1.217	ug/l #	96
29) Tetrahydrofuran	5.025	42	3894	5.174	ug/l	98
30) Chloroform	5.086	83	3548	1.012	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	2949	1.049	ug/l #	51
36) 1,1-Dichloropropene	5.690	75	2837	1.112	ug/l	92
37) Ethyl Acetate	4.715	43	2833	1.107	ug/l #	70
38) Carbon Tetrachloride	5.678	117	2817	1.043	ug/l #	80
39) Methylcyclohexane	7.385	83	3312	1.082	ug/l #	79
40) Benzene	6.037	78	7322	1.026	ug/l #	86
41) Methacrylonitrile	4.934	41	1179	0.893	ug/l #	84
42) 1,2-Dichloroethane	6.092	62	3117	1.043	ug/l	89
43) Isopropyl Acetate	6.348	43	3692	0.957	ug/l #	92
44) Trichloroethene	7.129	130	2040	1.015	ug/l	54
45) 1,2-Dichloropropane	7.434	63	1780	1.001	ug/l	98

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46) Dibromomethane	7.586	93	1278	0.936	ug/l #	84
47) Bromodichloromethane	7.830	83	1642	0.645	ug/l #	89
48) Methyl methacrylate	7.696	41	1442	0.737	ug/l	89
49) 1,4-Dioxane	7.708	88	752	18.757	ug/l #	42
51) 4-Methyl-2-Pentanone	8.580	43	8275	3.498	ug/l	100
52) Toluene	8.720	92	3293	0.724	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	1385	0.610	ug/l #	83
54) cis-1,3-Dichloropropene	8.372	75	1650	0.619	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	1439	0.834	ug/l	91
56) Ethyl methacrylate	9.116	69	1524	0.618	ug/l	91
57) 1,3-Dichloropropane	9.311	76	2286	0.755	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	3734	3.058	ug/l	99
59) 2-Hexanone	9.433	43	5911	3.373	ug/l	90
60) Dibromochloromethane	9.525	129	1130	0.633	ug/l	99
61) 1,2-Dibromoethane	9.610	107	1450	0.778	ug/l	99
64) Tetrachloroethene	9.275	164	1590	1.049	ug/l	96
65) Chlorobenzene	10.079	112	4091	1.021	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	1193	0.860	ug/l #	62
67) Ethyl Benzene	10.195	91	6887	0.978	ug/l	98
68) m/p-Xylenes	10.305	106	5338	1.977	ug/l	98
69) o-Xylene	10.646	106	2460	0.926	ug/l	99
70) Styrene	10.659	104	3908	0.910	ug/l	98
71) Bromoform	10.805	173	687	0.704	ug/l #	98
73) Isopropylbenzene	10.963	105	6388	1.001	ug/l	99
74) N-amyl acetate	10.848	43	1926	0.862	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	2072	1.012	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	1770m	0.950	ug/l	
77) Bromobenzene	11.201	156	1661	1.069	ug/l	97
78) n-propylbenzene	11.305	91	7304	0.955	ug/l	98
79) 2-Chlorotoluene	11.366	91	4891	1.035	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	4942	0.877	ug/l	92
82) 4-Chlorotoluene	11.457	91	5421	0.984	ug/l	94
83) tert-Butylbenzene	11.713	119	5117	0.923	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	4818	0.850	ug/l	91
85) sec-Butylbenzene	11.890	105	6438	0.928	ug/l	96
86) p-Isopropyltoluene	12.012	119	5528	0.957	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	2964	0.987	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	3383	1.116	ug/l	89
89) n-Butylbenzene	12.335	91	4704	0.988	ug/l	98
90) Hexachloroethane	12.542	117	765	0.955	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	3328	1.160	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	431	1.182	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	2464	1.546	ug/l	98
94) Hexachlorobutadiene	13.725	225	1000	1.497	ug/l	91
95) Naphthalene	13.780	128	7389	1.387	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	2353	1.474	ug/l	96

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

Manual Integrations

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