

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024668.D
 Acq On : 08 Oct 2021 14:15
 Operator : JC/MD
 Sample : VX1008WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/13/2021 2:42:48 PM

Quant Time: Oct 08 16:28:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	147285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222154	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97314	46.880	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.760%
35) Dibromofluoromethane	5.391	113	74056	50.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.360%
50) Toluene-d8	8.653	98	271827	50.043	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.080%
62) 4-Bromofluorobenzene	11.085	95	102979	48.218	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32113	21.668	ug/l	94
3) Chloromethane	1.294	50	24891	17.818	ug/l	97
4) Vinyl Chloride	1.374	62	26732	18.293	ug/l	99
5) Bromomethane	1.599	94	19976	20.311	ug/l	100
6) Chloroethane	1.684	64	15926	16.537	ug/l	98
7) Trichlorofluoromethane	1.886	101	47339	18.357	ug/l	95
8) Diethyl Ether	2.136	74	15581	17.751	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	27081	18.623	ug/l	98
10) Methyl Iodide	2.453	142	30344	14.913	ug/l	93
11) Tert butyl alcohol	2.971	59	36210	65.896	ug/l	96
12) 1,1-Dichloroethene	2.319	96	24141	17.880	ug/l	92
13) Acrolein	2.239	56	16512	151.216	ug/l	100
14) Allyl chloride	2.666	41	42655	17.281	ug/l	89
15) Acrylonitrile	3.068	53	78368	83.102	ug/l	98
16) Acetone	2.386	43	102286	111.155	ug/l	91
17) Carbon Disulfide	2.514	76	59196	17.159	ug/l	98
18) Methyl Acetate	2.709	43	52018	16.735	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	86586	17.017	ug/l	100
20) Methylene Chloride	2.788	84	29672	18.381	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	27074	17.659	ug/l	98
22) Diisopropyl ether	3.769	45	84737	16.802	ug/l	99
23) Vinyl Acetate	3.727	43	353887	86.656	ug/l	95
24) 1,1-Dichloroethane	3.611	63	49025	17.508	ug/l	96
25) 2-Butanone	4.562	43	138662	96.996	ug/l	94
26) 2,2-Dichloropropane	4.483	77	43849	17.408	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	30466	17.002	ug/l	95
28) Bromochloromethane	4.897	49	22248	17.502	ug/l	99
29) Tetrahydrofuran	5.013	42	74829	82.148	ug/l	91
30) Chloroform	5.099	83	52001	16.815	ug/l	100
31) Cyclohexane	5.476	56	42927	17.270	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	47612	17.342	ug/l	98
36) 1,1-Dichloropropene	5.696	75	38415	18.038	ug/l	98
37) Ethyl Acetate	4.721	43	45042	16.940	ug/l	94
38) Carbon Tetrachloride	5.684	117	41627	17.956	ug/l	98
39) Methylcyclohexane	7.385	83	46157	18.510	ug/l	98
40) Benzene	6.043	78	110652	18.170	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	23123	16.840	ug/l	92
42) 1,2-Dichloroethane	6.092	62	46016	17.993	ug/l	95
43) Isopropyl Acetate	6.348	43	70544	17.451	ug/l	94
44) Trichloroethene	7.129	130	31744	18.946	ug/l	98
45) 1,2-Dichloropropane	7.433	63	28326	18.029	ug/l	94
46) Dibromomethane	7.586	93	20709	17.578	ug/l	99
47) Bromodichloromethane	7.824	83	38631	17.892	ug/l	99
48) Methyl methacrylate	7.696	41	37988	18.979	ug/l	85
49) 1,4-Dioxane	7.665	88	14701	320.657	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	257968	96.666	ug/l	91
52) Toluene	8.720	92	72564	18.446	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	42389	17.321	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	45987	18.481	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	30344	18.655	ug/l	97
56) Ethyl methacrylate	9.122	69	40788	15.755	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	49064	17.877	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	120367	94.189	ug/l	100
59) 2-Hexanone	9.433	43	208141	99.038	ug/l	88
60) Dibromochloromethane	9.525	129	29792	16.945	ug/l	100
61) 1,2-Dibromoethane	9.616	107	32668	18.294	ug/l	99
64) Tetrachloroethene	9.275	164	30843	21.346	ug/l	95
65) Chlorobenzene	10.079	112	78761	18.109	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	29420	18.150	ug/l	100
67) Ethyl Benzene	10.195	91	141123	18.330	ug/l	99
68) m/p-Xylenes	10.305	106	109736	37.170	ug/l	98
69) o-Xylene	10.646	106	52048	17.828	ug/l	99
70) Styrene	10.658	104	82241	16.847	ug/l	95
71) Bromoform	10.805	173	20987	16.487	ug/l #	100
73) Isopropylbenzene	10.963	105	143522	18.739	ug/l	100
74) N-amyl acetate	10.847	43	58023	16.470	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	47218	17.433	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	43852m	17.824	ug/l	
77) Bromobenzene	11.201	156	35377	17.950	ug/l	95
78) n-propylbenzene	11.305	91	162334	18.131	ug/l	98
79) 2-Chlorotoluene	11.366	91	97384	17.855	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	121851	18.623	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	13699	16.688	ug/l #	85
82) 4-Chlorotoluene	11.457	91	117434	18.300	ug/l	100
83) tert-Butylbenzene	11.719	119	117836	17.964	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	125303	19.261	ug/l	97
85) sec-Butylbenzene	11.896	105	138577	17.172	ug/l	99
86) p-Isopropyltoluene	12.012	119	129271	18.785	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	65754	17.519	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	66157	17.063	ug/l	99
89) n-Butylbenzene	12.335	91	112211	18.416	ug/l	97
90) Hexachloroethane	12.542	117	18988	16.780	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	63525	17.120	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10656	16.294	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	42051	17.800	ug/l	99
94) Hexachlorobutadiene	13.725	225	19123	17.696	ug/l	99
95) Naphthalene	13.780	128	133518	17.658	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	42316	17.480	ug/l	99

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

