

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024720.D
 Acq On : 11 Oct 2021 18:25
 Operator : JC/MD
 Sample : VX1011WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/12/2021 11:28:39 AM

Quant Time: Oct 12 06:52:07 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	5.562	168	130669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	203894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	93471	50.755	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.500%
35) Dibromofluoromethane	5.397	113	70287	51.891	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.780%
50) Toluene-d8	8.653	98	251641	50.476	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.960%
62) 4-Bromofluorobenzene	11.085	95	96936	49.453	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30032	22.841	ug/l	96
3) Chloromethane	1.294	50	23711	19.131	ug/l	100
4) Vinyl Chloride	1.374	62	26241	20.241	ug/l	98
5) Bromomethane	1.599	94	18133	20.781	ug/l	96
6) Chloroethane	1.685	64	16147	18.862	ug/l	99
7) Trichlorofluoromethane	1.886	101	43770	19.132	ug/l	99
8) Diethyl Ether	2.136	74	14405	18.498	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	24908	19.307	ug/l	96
10) Methyl Iodide	2.453	142	27716	15.354	ug/l	91
11) Tert butyl alcohol	2.971	59	33504	69.283	ug/l	98
12) 1,1-Dichloroethene	2.319	96	22810	19.043	ug/l	86
13) Acrolein	2.239	56	11675	122.557	ug/l	98
14) Allyl chloride	2.666	41	40777	18.620	ug/l	88
15) Acrylonitrile	3.068	53	76175	91.048	ug/l	99
16) Acetone	2.386	43	81931	99.330	ug/l #	87
17) Carbon Disulfide	2.514	76	55507	18.122	ug/l	99
18) Methyl Acetate	2.709	43	51483	18.669	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	83657	18.532	ug/l	97
20) Methylene Chloride	2.794	84	28901	20.294	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	26279	19.320	ug/l	100
22) Diisopropyl ether	3.770	45	84251	18.830	ug/l	97
23) Vinyl Acetate	3.733	43	339466	93.695	ug/l	95
24) 1,1-Dichloroethane	3.617	63	47637	19.176	ug/l	99
25) 2-Butanone	4.568	43	124898	98.478	ug/l	92
26) 2,2-Dichloropropane	4.483	77	40501	18.124	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	29427	18.510	ug/l	95
28) Bromochloromethane	4.910	49	21047	18.663	ug/l	98
29) Tetrahydrofuran	5.013	42	72015	89.112	ug/l	90
30) Chloroform	5.105	83	52371	19.088	ug/l	100
31) Cyclohexane	5.477	56	40484	18.358	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	46421	19.058	ug/l	97
36) 1,1-Dichloropropene	5.696	75	36565	18.707	ug/l	99
37) Ethyl Acetate	4.727	43	42677	17.488	ug/l #	94
38) Carbon Tetrachloride	5.690	117	41246	19.385	ug/l	98
39) Methylcyclohexane	7.385	83	42970	18.775	ug/l	98
40) Benzene	6.044	78	107542	19.241	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	23033	18.276	ug/l	91
42) 1,2-Dichloroethane	6.098	62	45668	19.456	ug/l	94
43) Isopropyl Acetate	6.354	43	67062	18.076	ug/l	93
44) Trichloroethene	7.135	130	30438	19.793	ug/l	94
45) 1,2-Dichloropropane	7.440	63	27346	18.964	ug/l	99
46) Dibromomethane	7.586	93	20283	18.758	ug/l	99
47) Bromodichloromethane	7.830	83	37629	18.988	ug/l	100
48) Methyl methacrylate	7.702	41	36806	20.035	ug/l	86
49) 1,4-Dioxane	7.665	88	14064	334.236	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	250539	102.290	ug/l	90
52) Toluene	8.720	92	70270	19.463	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	40759	18.146	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	44439	19.458	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	28918	19.370	ug/l	96
56) Ethyl methacrylate	9.122	69	38697	16.286	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	47917	19.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	120365	102.623	ug/l	98
59) 2-Hexanone	9.433	43	196632	101.941	ug/l	87
60) Dibromochloromethane	9.525	129	28697	17.726	ug/l	99
61) 1,2-Dibromoethane	9.616	107	31531	19.239	ug/l	97
64) Tetrachloroethene	9.275	164	29531	22.718	ug/l	93
65) Chlorobenzene	10.086	112	76013	19.427	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	28514	19.554	ug/l	99
67) Ethyl Benzene	10.195	91	135192	19.519	ug/l	100
68) m/p-Xylenes	10.305	106	102736	38.681	ug/l	100
69) o-Xylene	10.646	106	49025	18.666	ug/l	98
70) Styrene	10.659	104	78952	17.978	ug/l	97
71) Bromoform	10.805	173	19719	17.116	ug/l #	98
73) Isopropylbenzene	10.963	105	134055	19.788	ug/l	99
74) N-amyl acetate	10.848	43	55471	17.802	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	44979	18.774	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	41866m	19.239	ug/l	
77) Bromobenzene	11.201	156	33822	19.402	ug/l	96
78) n-propylbenzene	11.305	91	154066	19.455	ug/l	99
79) 2-Chlorotoluene	11.366	91	92147	19.101	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	117836	20.361	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	12698	17.395	ug/l #	87
82) 4-Chlorotoluene	11.457	91	108829	19.174	ug/l	99
83) tert-Butylbenzene	11.719	119	111800	19.269	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	118414	20.578	ug/l	99
85) sec-Butylbenzene	11.896	105	130950	18.346	ug/l	99
86) p-Isopropyltoluene	12.012	119	121598	19.978	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	61698	18.585	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	62210	18.141	ug/l	99
89) n-Butylbenzene	12.335	91	101642	18.859	ug/l	97
90) Hexachloroethane	12.542	117	18026	18.010	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	60019	18.288	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10416	18.006	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	38139	18.252	ug/l	99
94) Hexachlorobutadiene	13.725	225	17171	17.964	ug/l	95
95) Naphthalene	13.780	128	124076	18.552	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	39603	18.496	ug/l	99

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

