

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023956.D
 Acq On : 26 Aug 2021 11:04
 Operator : JC/MD
 Sample : VX0826WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2021 4:45:17 PM

Quant Time: Aug 27 05:53:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	186875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	291975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138500	53.102	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.200%
35) Dibromofluoromethane	5.391	113	104330	53.987	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.980%
50) Toluene-d8	8.653	98	386008	52.481	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.960%
62) 4-Bromofluorobenzene	11.085	95	152262	56.234	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.460%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	41326	20.960	ug/l	98
3) Chloromethane	1.295	50	42959	19.848	ug/l	100
4) Vinyl Chloride	1.374	62	41028	19.436	ug/l	99
5) Bromomethane	1.599	94	30158	22.723	ug/l	95
6) Chloroethane	1.685	64	26961	17.435	ug/l	95
7) Trichlorofluoromethane	1.886	101	69038	20.710	ug/l	100
8) Diethyl Ether	2.136	74	23337	20.047	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	41203	21.966	ug/l	98
10) Methyl Iodide	2.453	142	50798	19.449	ug/l	93
11) Tert butyl alcohol	2.971	59	51388	97.426	ug/l	96
12) 1,1-Dichloroethene	2.319	96	38092	21.240	ug/l	91
13) Acrolein	2.239	56	22522	71.753	ug/l	97
14) Allyl chloride	2.666	41	68097	20.603	ug/l	89
15) Acrylonitrile	3.069	53	117064	99.610	ug/l	97
16) Acetone	2.386	43	122680	105.197	ug/l #	88
17) Carbon Disulfide	2.514	76	91736	21.447	ug/l	99
18) Methyl Acetate	2.709	43	58114	19.962	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	130889	20.969	ug/l	98
20) Methylene Chloride	2.794	84	43590	19.568	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	40254	21.013	ug/l	87
22) Diisopropyl ether	3.770	45	137625	20.907	ug/l #	95
23) Vinyl Acetate	3.727	43	558977	104.970	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	76406	20.856	ug/l	99
25) 2-Butanone	4.562	43	176184	99.744	ug/l	92
26) 2,2-Dichloropropane	4.483	77	65119	21.657	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	47405	20.797	ug/l	95
28) Bromochloromethane	4.904	49	36877	22.138	ug/l	92
29) Tetrahydrofuran	5.013	42	111011	97.027	ug/l	88
30) Chloroform	5.093	83	81078	20.901	ug/l	96
31) Cyclohexane	5.471	56	69063	20.611	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	70674	21.277	ug/l	97
36) 1,1-Dichloropropene	5.696	75	58561	21.658	ug/l	99
37) Ethyl Acetate	4.721	43	65632	19.747	ug/l #	94
38) Carbon Tetrachloride	5.678	117	61906	21.956	ug/l	97
39) Methylcyclohexane	7.379	83	72253	21.946	ug/l	97
40) Benzene	6.044	78	169991	21.261	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	36204	20.093	ug/l	91
42) 1,2-Dichloroethane	6.092	62	69015	21.963	ug/l	95
43) Isopropyl Acetate	6.348	43	107042	20.589	ug/l	92
44) Trichloroethene	7.129	130	46765	21.174	ug/l	97
45) 1,2-Dichloropropane	7.434	63	45211	21.295	ug/l	99
46) Dibromomethane	7.586	93	31520	21.334	ug/l	97
47) Bromodichloromethane	7.824	83	58771	21.988	ug/l	98
48) Methyl methacrylate	7.696	41	52234	20.596	ug/l	84
49) 1,4-Dioxane	7.659	88	21230	396.078	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	351643	104.635	ug/l	89
52) Toluene	8.720	92	111287	21.480	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	66056	20.452	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	70085	21.640	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	44947	21.073	ug/l	98
56) Ethyl methacrylate	9.122	69	69779	19.615	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	75433	21.323	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	171696	99.966	ug/l	96
59) 2-Hexanone	9.433	43	279093	108.040	ug/l	86
60) Dibromochloromethane	9.525	129	44494	19.938	ug/l	100
61) 1,2-Dibromoethane	9.610	107	47915	21.264	ug/l	99
64) Tetrachloroethene	9.275	164	46169	20.920	ug/l	94
65) Chlorobenzene	10.079	112	121634	21.095	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	44817	21.839	ug/l	99
67) Ethyl Benzene	10.195	91	217805	21.632	ug/l	98
68) m/p-Xylenes	10.305	106	169322	44.150	ug/l	98
69) o-Xylene	10.646	106	82638	21.927	ug/l	99
70) Styrene	10.659	104	135631	22.090	ug/l	98
71) Bromoform	10.805	173	32597	20.724	ug/l #	100
73) Isopropylbenzene	10.963	105	216683	20.079	ug/l	100
74) N-amyl acetate	10.848	43	96943	19.878	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	72953	20.628	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	65642m	19.889	ug/l	
77) Bromobenzene	11.201	156	54057	20.338	ug/l	97
78) n-propylbenzene	11.305	91	255553	20.704	ug/l	99
79) 2-Chlorotoluene	11.366	91	153055	20.516	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	186578	21.039	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	21784	19.416	ug/l #	86
82) 4-Chlorotoluene	11.457	91	176214	20.810	ug/l	99
83) tert-Butylbenzene	11.719	119	177055	20.557	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	186447	21.086	ug/l	100
85) sec-Butylbenzene	11.896	105	230460	21.134	ug/l	100
86) p-Isopropyltoluene	12.012	119	193179	21.525	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	101400	21.086	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	102126	21.294	ug/l	97
89) n-Butylbenzene	12.335	91	169575	21.162	ug/l	97
90) Hexachloroethane	12.542	117	29226	19.600	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	100135	21.494	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15142	19.632	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	59213	21.119	ug/l	98
94) Hexachlorobutadiene	13.725	225	28897	23.123	ug/l	99
95) Naphthalene	13.780	128	188422	19.023	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	58835	21.069	ug/l	98

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

