

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081021\
 Data File : VX023627.D
 Acq On : 10 Aug 2021 10:53
 Operator : JC/MD
 Sample : VX0810WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/11/2021 5:04:20 PM

Quant Time: Aug 11 02:57:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	265661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	419832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170778	51.534	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.060%
35) Dibromofluoromethane	5.391	113	132748	50.571	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.140%
50) Toluene-d8	8.653	98	496911	51.524	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.040%
62) 4-Bromofluorobenzene	11.085	95	187881	57.291	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.580%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	47035	19.244	ug/l	99
3) Chloromethane	1.294	50	53192	18.683	ug/l	99
4) Vinyl Chloride	1.374	62	53148	18.441	ug/l	100
5) Bromomethane	1.599	94	34007	19.875	ug/l	99
6) Chloroethane	1.685	64	33595	18.993	ug/l	97
7) Trichlorofluoromethane	1.886	101	88076	18.969	ug/l	98
8) Diethyl Ether	2.136	74	31886	18.605	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	53393	20.297	ug/l	96
10) Methyl Iodide	2.453	142	63624	19.304	ug/l	96
11) Tert butyl alcohol	2.977	59	68480	90.459	ug/l	98
12) 1,1-Dichloroethene	2.319	96	49198	18.847	ug/l	98
13) Acrolein	2.239	56	29214	76.860	ug/l	97
14) Allyl chloride	2.666	41	89222	18.800	ug/l	92
15) Acrylonitrile	3.069	53	158059	92.460	ug/l	97
16) Acetone	2.386	43	179876	110.652	ug/l	92
17) Carbon Disulfide	2.514	76	100395	15.598	ug/l	99
18) Methyl Acetate	2.709	43	75454	19.526	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	180035	19.836	ug/l	99
20) Methylene Chloride	2.794	84	59095	18.689	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	52744	19.021	ug/l	93
22) Diisopropyl ether	3.770	45	186148	19.870	ug/l	97
23) Vinyl Acetate	3.727	43	807943	97.698	ug/l	94
24) 1,1-Dichloroethane	3.611	63	101343	19.682	ug/l	95
25) 2-Butanone	4.562	43	250574	99.288	ug/l	92
26) 2,2-Dichloropropane	4.477	77	86925	20.641	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	62272	19.337	ug/l	95
28) Bromochloromethane	4.904	49	53723	22.356	ug/l	92
29) Tetrahydrofuran	5.013	42	149811	90.563	ug/l	88
30) Chloroform	5.105	83	104418	19.813	ug/l	99
31) Cyclohexane	5.471	56	88576	18.043	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	89018	19.764	ug/l	97
36) 1,1-Dichloropropene	5.696	75	75986	20.008	ug/l	98
37) Ethyl Acetate	4.721	43	89251	18.639	ug/l	94
38) Carbon Tetrachloride	5.684	117	76833	19.893	ug/l	99
39) Methylcyclohexane	7.385	83	91563	19.091	ug/l	99
40) Benzene	6.044	78	223232	19.824	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	49240	19.475	ug/l	93
42) 1,2-Dichloroethane	6.092	62	87834	21.096	ug/l	95
43) Isopropyl Acetate	6.348	43	146403	19.731	ug/l	92
44) Trichloroethene	7.129	130	61865	19.998	ug/l	95
45) 1,2-Dichloropropane	7.434	63	60206	20.205	ug/l	99
46) Dibromomethane	7.580	93	41109	20.340	ug/l	98
47) Bromodichloromethane	7.824	83	75073	20.617	ug/l	97
48) Methyl methacrylate	7.696	41	69642	20.266	ug/l	87
49) 1,4-Dioxane	7.665	88	28005	382.713	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	476415	104.973	ug/l	90
52) Toluene	8.720	92	143316	20.544	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	86456	19.857	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	90753	19.993	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	61246	21.681	ug/l	99
56) Ethyl methacrylate	9.116	69	95970	21.194	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	100252	20.885	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	198570	82.779	ug/l	96
59) 2-Hexanone	9.433	43	381963	110.830	ug/l	87
60) Dibromochloromethane	9.525	129	57979	19.766	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64141	21.281	ug/l	99
64) Tetrachloroethene	9.275	164	61674	19.826	ug/l	96
65) Chlorobenzene	10.079	112	160568	20.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	58153	19.523	ug/l	99
67) Ethyl Benzene	10.195	91	282006	20.326	ug/l	100
68) m/p-Xylenes	10.305	106	214204	40.143	ug/l	99
69) o-Xylene	10.646	106	106585	20.147	ug/l	100
70) Styrene	10.659	104	174170	20.779	ug/l	98
71) Bromoform	10.805	173	40502	19.147	ug/l #	99
73) Isopropylbenzene	10.963	105	282036	20.329	ug/l	99
74) N-amyl acetate	10.842	43	128259	20.264	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	89590	19.824	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	85366m	21.099	ug/l	
77) Bromobenzene	11.201	156	69143	20.660	ug/l	96
78) n-propylbenzene	11.305	91	321152	20.453	ug/l	99
79) 2-Chlorotoluene	11.366	91	193334	20.606	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	232671	20.593	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28506	18.945	ug/l	89
82) 4-Chlorotoluene	11.457	91	221745	20.890	ug/l	99
83) tert-Butylbenzene	11.719	119	229776	20.733	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	231418	20.591	ug/l	99
85) sec-Butylbenzene	11.896	105	288382	20.068	ug/l	99
86) p-Isopropyltoluene	12.012	119	239629	20.650	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	123715	19.981	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	123832	19.710	ug/l	99
89) n-Butylbenzene	12.335	91	210539	20.042	ug/l	97
90) Hexachloroethane	12.542	117	34995	18.097	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	120351	20.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17768	17.638	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	71503	18.983	ug/l	98
94) Hexachlorobutadiene	13.725	225	32690	19.339	ug/l	99
95) Naphthalene	13.780	128	245061	18.923	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73133	19.227	ug/l	100

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

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