

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024033.D
 Acq On : 31 Aug 2021 10:53
 Operator : JC/MD
 Sample : VX0831WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 6:43:47 PM

Quant Time: Sep 01 04:58:52 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	5.562	168	185773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	296758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	273814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	129918	50.107	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.220%
35) Dibromofluoromethane	5.391	113	95089	48.412	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.820%
50) Toluene-d8	8.653	98	343404	45.936	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.880%#
62) 4-Bromofluorobenzene	11.085	95	135170	49.117	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	35246	17.982	ug/l	100
3) Chloromethane	1.294	50	36192	16.821	ug/l	98
4) Vinyl Chloride	1.374	62	35238	16.792	ug/l	98
5) Bromomethane	1.599	94	24791	18.790	ug/l	94
6) Chloroethane	1.685	64	23314	15.377	ug/l	97
7) Trichlorofluoromethane	1.886	101	61052	18.423	ug/l	98
8) Diethyl Ether	2.136	74	22609	19.536	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	37333	20.020	ug/l	97
10) Methyl Iodide	2.453	142	42553	16.389	ug/l	94
11) Tert butyl alcohol	2.977	59	57709	110.059	ug/l	99
12) 1,1-Dichloroethene	2.319	96	34836	19.539	ug/l	94
13) Acrolein	2.245	56	30551	97.910	ug/l	99
14) Allyl chloride	2.666	41	63810	19.421	ug/l	89
15) Acrylonitrile	3.075	53	119768	102.515	ug/l	99
16) Acetone	2.386	43	120469	103.914	ug/l	89
17) Carbon Disulfide	2.514	76	78170	18.383	ug/l	99
18) Methyl Acetate	2.715	43	59001	20.387	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	132312	21.323	ug/l	100
20) Methylene Chloride	2.794	84	40881	18.461	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	36179	18.998	ug/l	93
22) Diisopropyl ether	3.776	45	131901	20.156	ug/l	92
23) Vinyl Acetate	3.733	43	548581	103.629	ug/l	94
24) 1,1-Dichloroethane	3.611	63	71275	19.571	ug/l	98
25) 2-Butanone	4.568	43	180228	102.639	ug/l	90
26) 2,2-Dichloropropane	4.483	77	60312	20.177	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	43329	19.122	ug/l	93
28) Bromochloromethane	4.904	49	32994	19.924	ug/l	91
29) Tetrahydrofuran	5.013	42	114716	100.860	ug/l	89
30) Chloroform	5.105	83	75244	19.512	ug/l	98
31) Cyclohexane	5.483	56	63916	19.188	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	66397	20.108	ug/l	98
36) 1,1-Dichloropropene	5.696	75	53850	19.595	ug/l	97
37) Ethyl Acetate	4.727	43	68182	20.183	ug/l	94
38) Carbon Tetrachloride	5.684	117	56337	19.659	ug/l	98
39) Methylcyclohexane	7.385	83	65552	19.590	ug/l	97
40) Benzene	6.050	78	154512	19.014	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	36922	20.161	ug/l	90
42) 1,2-Dichloroethane	6.092	62	66354	20.776	ug/l	94
43) Isopropyl Acetate	6.348	43	108694	20.570	ug/l #	91
44) Trichloroethene	7.129	130	42156	18.779	ug/l	95
45) 1,2-Dichloropropane	7.440	63	41704	19.326	ug/l	98
46) Dibromomethane	7.586	93	30055	20.014	ug/l	95
47) Bromodichloromethane	7.830	83	54464	20.049	ug/l	95
48) Methyl methacrylate	7.696	41	52470	20.355	ug/l	85
49) 1,4-Dioxane	7.665	88	21883	401.681	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	352967	103.337	ug/l	90
52) Toluene	8.726	92	99910	18.973	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	62698	19.241	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	66290	20.138	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	43356	19.999	ug/l	99
56) Ethyl methacrylate	9.122	69	67201	18.625	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	71549	19.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	170788	97.835	ug/l	96
59) 2-Hexanone	9.433	43	276472	105.300	ug/l	86
60) Dibromochloromethane	9.525	129	41666	18.503	ug/l	99
61) 1,2-Dibromoethane	9.610	107	45384	19.816	ug/l	99
64) Tetrachloroethene	9.281	164	42293	19.339	ug/l	95
65) Chlorobenzene	10.079	112	109528	19.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	40438	19.885	ug/l	98
67) Ethyl Benzene	10.195	91	192146	19.258	ug/l	99
68) m/p-Xylenes	10.305	106	148132	38.978	ug/l	96
69) o-Xylene	10.646	106	73979	19.809	ug/l	99
70) Styrene	10.659	104	119451	19.633	ug/l	96
71) Bromoform	10.805	173	29206	18.923	ug/l #	99
73) Isopropylbenzene	10.963	105	193657	18.573	ug/l	99
74) N-amyl acetate	10.848	43	91900	19.503	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	68332	19.997	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	63074m	19.780	ug/l	
77) Bromobenzene	11.201	156	47214	18.385	ug/l	99
78) n-propylbenzene	11.305	91	224440	18.820	ug/l	100
79) 2-Chlorotoluene	11.366	91	138780	19.253	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	166569	19.439	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	19575	18.057	ug/l #	84
82) 4-Chlorotoluene	11.457	91	158906	19.422	ug/l	99
83) tert-Butylbenzene	11.719	119	161417	19.396	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	167202	19.570	ug/l	97
85) sec-Butylbenzene	11.896	105	205394	19.494	ug/l	99
86) p-Isopropyltoluene	12.012	119	170300	19.639	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	89104	19.177	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	88632	19.126	ug/l	97
89) n-Butylbenzene	12.335	91	149243	19.276	ug/l	97
90) Hexachloroethane	12.542	117	25745	17.999	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	88886	19.747	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14765	19.793	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	51836	19.134	ug/l	99
94) Hexachlorobutadiene	13.725	225	24782	20.524	ug/l	98
95) Naphthalene	13.780	128	176654	18.497	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	52590	19.492	ug/l	97

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

