

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023845.D
 Acq On : 19 Aug 2021 18:11
 Operator : JC/MD
 Sample : VX0820WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:49:44 PM

Quant Time: Aug 20 03:14:55 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	194134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	309238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126551	46.706	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.420%
35) Dibromofluoromethane	5.397	113	95761	46.786	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.580%
50) Toluene-d8	8.653	98	365705	46.945	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.880%
62) 4-Bromofluorobenzene	11.085	95	131797	45.958	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	37498	18.307	ug/l	100
3) Chloromethane	1.294	50	40985	18.228	ug/l	99
4) Vinyl Chloride	1.373	62	39484	18.005	ug/l	98
5) Bromomethane	1.599	94	29487	21.387	ug/l	98
6) Chloroethane	1.684	64	25305	15.906	ug/l	94
7) Trichlorofluoromethane	1.886	101	64955	18.757	ug/l	96
8) Diethyl Ether	2.135	74	22527	18.627	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	36197	18.575	ug/l	98
10) Methyl Iodide	2.459	142	47477	17.498	ug/l	96
11) Tert butyl alcohol	2.977	59	51023	93.117	ug/l	99
12) 1,1-Dichloroethene	2.318	96	34520	18.528	ug/l	91
13) Acrolein	2.239	56	35478	108.803	ug/l	96
14) Allyl chloride	2.666	41	61072	17.787	ug/l	91
15) Acrylonitrile	3.074	53	115216	94.371	ug/l	98
16) Acetone	2.385	43	107968	89.120	ug/l	93
17) Carbon Disulfide	2.513	76	76752	17.273	ug/l	98
18) Methyl Acetate	2.715	43	57290	18.943	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	119968	18.501	ug/l	100
20) Methylene Chloride	2.794	84	41263	17.831	ug/l	87
21) trans-1,2-Dichloroethene	3.099	96	37207	18.697	ug/l	96
22) Diisopropyl ether	3.775	45	123391	18.044	ug/l	93
23) Vinyl Acetate	3.733	43	507828	91.799	ug/l	95
24) 1,1-Dichloroethane	3.617	63	69720	18.319	ug/l	97
25) 2-Butanone	4.574	43	172608	94.066	ug/l	90
26) 2,2-Dichloropropane	4.483	77	55696	17.830	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	42294	17.861	ug/l	95
28) Bromochloromethane	4.909	49	35454	20.488	ug/l	92
29) Tetrahydrofuran	5.019	42	111179	93.540	ug/l	89
30) Chloroform	5.104	83	71825	17.823	ug/l	98
31) Cyclohexane	5.476	56	61957	17.799	ug/l	93
32) 1,1,1-Trichloroethane	5.397	97	62508	18.115	ug/l	97
36) 1,1-Dichloropropene	5.702	75	51581	18.012	ug/l	99
37) Ethyl Acetate	4.726	43	63160	17.942	ug/l	95
38) Carbon Tetrachloride	5.684	117	53228	17.824	ug/l	100
39) Methylcyclohexane	7.385	83	62936	18.049	ug/l	97
40) Benzene	6.043	78	153440	18.120	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	33487	17.548	ug/l	91
42) 1,2-Dichloroethane	6.098	62	61285	18.414	ug/l	95
43) Isopropyl Acetate	6.354	43	99876	18.139	ug/l #	92
44) Trichloroethene	7.135	130	41054	17.550	ug/l	100
45) 1,2-Dichloropropane	7.439	63	40383	17.959	ug/l	100
46) Dibromomethane	7.586	93	29089	18.589	ug/l	96
47) Bromodichloromethane	7.830	83	50784	17.939	ug/l	99
48) Methyl methacrylate	7.702	41	49781	18.533	ug/l	84
49) 1,4-Dioxane	7.665	88	21743	383.004	ug/l	95
51) 4-Methyl-2-Pentanone	8.579	43	341872	96.049	ug/l	89
52) Toluene	8.720	92	99450	18.124	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	57200	17.112	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	61841	18.028	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	42439	18.786	ug/l	97
56) Ethyl methacrylate	9.122	69	62988	16.829	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	70118	18.714	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.250	63	153950	84.630	ug/l	97
59) 2-Hexanone	9.433	43	270541	98.883	ug/l	85
60) Dibromochloromethane	9.524	129	38506	16.600	ug/l	98
61) 1,2-Dibromoethane	9.616	107	42748	17.912	ug/l	99
64) Tetrachloroethene	9.281	164	42051	18.265	ug/l	97
65) Chlorobenzene	10.085	112	108403	18.022	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	39065	18.248	ug/l	99
67) Ethyl Benzene	10.195	91	192643	18.341	ug/l	100
68) m/p-Xylenes	10.305	106	144880	36.213	ug/l	98
69) o-Xylene	10.646	106	70848	18.020	ug/l	99
70) Styrene	10.658	104	118186	18.452	ug/l	98
71) Bromoform	10.805	173	26246	16.436	ug/l #	97
73) Isopropylbenzene	10.963	105	188497	18.592	ug/l	99
74) N-amyl acetate	10.847	43	87102	19.010	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	62686	18.866	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	58475m	18.858	ug/l	
77) Bromobenzene	11.201	156	47177	18.892	ug/l	95
78) n-propylbenzene	11.305	91	213904	18.446	ug/l	100
79) 2-Chlorotoluene	11.366	91	131132	18.709	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	156075	18.732	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	17923	17.003	ug/l #	84
82) 4-Chlorotoluene	11.457	91	147441	18.533	ug/l	100
83) tert-Butylbenzene	11.719	119	150924	18.651	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	157179	18.920	ug/l	99
85) sec-Butylbenzene	11.896	105	193468	18.884	ug/l	100
86) p-Isopropyltoluene	12.012	119	158457	18.792	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	83074	18.388	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	83315	18.490	ug/l	99
89) n-Butylbenzene	12.335	91	138536	18.401	ug/l	96
90) Hexachloroethane	12.542	117	22913	16.598	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	81421	18.602	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	12154	17.088	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	47183	17.911	ug/l	99
94) Hexachlorobutadiene	13.725	225	21375	18.205	ug/l	98
95) Naphthalene	13.780	128	161687	17.486	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47185	17.985	ug/l	99

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

