

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072021\
 Data File : VX023361.D
 Acq On : 20 Jul 2021 18:39
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 7/21/2021 5:54:03 PM

Quant Time: Jul 21 06:08:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072021W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 21 06:04:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	89731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	119408	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	106414	89.288	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 178.580%#	
35) Dibromofluoromethane	5.403	113	81971	108.140	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 216.280%#	
50) Toluene-d8	8.653	98	272235	82.909	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 165.820%#	
62) 4-Bromofluorobenzene	11.085	95	113988	87.136	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 174.280%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	101258	97.424	ug/l	100
3) Chloromethane	1.294	50	42134	46.589	ug/l	99
4) Vinyl Chloride	1.374	62	47513	50.477	ug/l	94
5) Bromomethane	1.599	94	40813	106.873	ug/l	99
6) Chloroethane	1.672	64	26620	85.272	ug/l	96
7) Trichlorofluoromethane	1.880	101	123097	129.477	ug/l	99
8) Diethyl Ether	2.142	74	29094	117.305	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	73553	101.318	ug/l	95
10) Methyl Iodide	2.453	142	108296	98.679	ug/l	99
11) Tert butyl alcohol	2.989	59	102064	405.491	ug/l	100
12) 1,1-Dichloroethene	2.312	96	66869	95.870	ug/l	98
13) Acrolein	2.245	56	27777	413.694	ug/l	96
14) Allyl chloride	2.666	41	75890	60.950	ug/l	99
15) Acrylonitrile	3.075	53	157165	344.263	ug/l	100
16) Acetone	2.392	43	152367	386.499	ug/l	99
17) Carbon Disulfide	2.508	76	162692	86.814	ug/l	99
18) Methyl Acetate	2.715	43	61987	61.210	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	264349	91.206	ug/l	98
20) Methylene Chloride	2.794	84	72991	72.750	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	76720	87.969	ug/l	96
22) Diisopropyl ether	3.776	45	145792	61.022	ug/l	98
23) Vinyl Acetate	3.733	43	718458	338.465	ug/l	98
24) 1,1-Dichloroethane	3.617	63	120095	79.440	ug/l	98
25) 2-Butanone	4.574	43	206674	318.187	ug/l	98
26) 2,2-Dichloropropane	4.483	77	139010	96.488	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	89493	88.611	ug/l	98
28) Bromochloromethane	4.910	49	36923	58.021	ug/l	98
29) Tetrahydrofuran	5.019	42	118516	289.958	ug/l	99
30) Chloroform	5.105	83	157230	91.559	ug/l	97
31) Cyclohexane	5.477	56	91308	71.734	ug/l	88
32) 1,1,1-Trichloroethane	5.391	97	175244	108.109	ug/l	100
36) 1,1-Dichloropropene	5.702	75	103803	102.296	ug/l	98
37) Ethyl Acetate	4.733	43	78509	75.710	ug/l	98
38) Carbon Tetrachloride	5.684	117	171642	139.058	ug/l	95
39) Methylcyclohexane	7.385	83	125445	86.745	ug/l	96
40) Benzene	6.043	78	276736	95.565	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	42965	77.786	ug/l	98
42) 1,2-Dichloroethane	6.098	62	135384	110.210	ug/l	99
43) Isopropyl Acetate	6.354	43	135786	79.086	ug/l	100
44) Trichloroethene	7.129	130	103362	100.719	ug/l	96
45) 1,2-Dichloropropane	7.440	63	58451	68.134	ug/l	95
46) Dibromomethane	7.586	93	58682	88.092	ug/l	97
47) Bromodichloromethane	7.830	83	123597	98.805	ug/l	99
48) Methyl methacrylate	7.702	41	68672	67.224	ug/l	99
49) 1,4-Dioxane	7.671	88	41852	1683.343	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	407650	319.230	ug/l	98
52) Toluene	8.726	92	198851	88.701	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	133733	95.654	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	125662	87.719	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	80980	87.699	ug/l	96
56) Ethyl methacrylate	9.122	69	116105	81.115	ug/l	99
57) 1,3-Dichloropropane	9.311	76	123467	81.735	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	249330	355.731	ug/l	99
59) 2-Hexanone	9.439	43	324493	322.175	ug/l	100
60) Dibromochloromethane	9.525	129	113562	112.338	ug/l	98
61) 1,2-Dibromoethane	9.616	107	90831	89.979	ug/l	98
64) Tetrachloroethene	9.281	164	113251	119.826	ug/l	97
65) Chlorobenzene	10.085	112	234908	104.441	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	107427	125.612	ug/l	99
67) Ethyl Benzene	10.195	91	411566	106.691	ug/l	99
68) m/p-Xylenes	10.305	106	323002	215.973	ug/l	99
69) o-Xylene	10.646	106	159796	106.670	ug/l	98
70) Styrene	10.659	104	271288	112.229	ug/l	100
71) Bromoform	10.805	173	100343	151.667	ug/l #	98
73) Isopropylbenzene	10.963	105	439998	100.145	ug/l	100
74) N-amyl acetate	10.848	43	114143	67.140	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	102948	77.222	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	108189m	82.771	ug/l	
77) Bromobenzene	11.201	156	122535	106.832	ug/l	99
78) n-propylbenzene	11.311	91	470928	95.037	ug/l	100
79) 2-Chlorotoluene	11.366	91	300753	95.994	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	399062	105.307	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	38671	85.903	ug/l	97
82) 4-Chlorotoluene	11.457	91	357894	98.779	ug/l	100
83) tert-Butylbenzene	11.719	119	394118	105.320	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	394933	105.021	ug/l	99
85) sec-Butylbenzene	11.896	105	460830	99.537	ug/l	99
86) p-Isopropyltoluene	12.012	119	427119	108.870	ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	224038	106.311	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	223861	104.049	ug/l	99
89) n-Butylbenzene	12.335	91	329491	100.484	ug/l	99
90) Hexachloroethane	12.542	117	71971	116.835	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	216458	103.886	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39045	112.529	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	161950	121.251	ug/l	100
94) Hexachlorobutadiene	13.731	225	85770	142.404	ug/l	98
95) Naphthalene	13.780	128	487420	115.578	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	166267	130.706	ug/l	99

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

