

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024609.D
 Acq On : 06 Oct 2021 07:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 7:04:05 PM

Quant Time: Oct 06 09:11:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	153282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	249660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102588	47.49	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.98%
35) Dibromofluoromethane	5.391	113	77761	46.88	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.76%
50) Toluene-d8	8.653	98	282305	46.25	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.50%
62) 4-Bromofluorobenzene	11.085	95	114209	47.58	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.16%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70070	45.43	ug/l	100
3) Chloromethane	1.294	50	62954	43.30	ug/l	98
4) Vinyl Chloride	1.374	62	69038	45.40	ug/l	99
5) Bromomethane	1.599	94	46698	45.62	ug/l	98
6) Chloroethane	1.672	64	44393	43.86	ug/l	100
7) Trichlorofluoromethane	1.880	101	124256	46.30	ug/l	98
8) Diethyl Ether	2.136	74	43244	47.34	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	72078	47.63	ug/l	96
10) Methyl Iodide	2.453	142	58954	27.84	ug/l	92
11) Tert butyl alcohol	2.983	59	112451	222.45	ug/l	97
12) 1,1-Dichloroethene	2.319	96	67999	48.39	ug/l	96
13) Acrolein	2.239	56	30314	259.07	ug/l	99
14) Allyl chloride	2.666	41	123029	47.89	ug/l	91
15) Acrylonitrile	3.069	53	240822	245.38	ug/l	98
16) Acetone	2.386	43	228306	250.50	ug/l #	88
17) Carbon Disulfide	2.508	76	149034	41.19	ug/l	100
18) Methyl Acetate	2.709	43	161260	49.85	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	273742	51.69	ug/l	98
20) Methylene Chloride	2.788	84	81766	50.60	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	74638	46.78	ug/l	95
22) Diisopropyl ether	3.770	45	269093	51.27	ug/l	96
23) Vinyl Acetate	3.727	43	1080148	254.15	ug/l	94
24) 1,1-Dichloroethane	3.611	63	149194	51.20	ug/l	97
25) 2-Butanone	4.568	43	359618	241.72	ug/l	95
26) 2,2-Dichloropropane	4.483	77	86310	32.93	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	91256	48.93	ug/l	99
28) Bromochloromethane	4.910	49	61930	46.81	ug/l	97
29) Tetrahydrofuran	5.013	42	232679	245.44	ug/l	91
30) Chloroform	5.105	83	163259	50.73	ug/l	98
31) Cyclohexane	5.477	56	121547	46.99	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	145708	50.99	ug/l	99
36) 1,1-Dichloropropene	5.702	75	112064	46.82	ug/l	98
37) Ethyl Acetate	4.727	43	138501	46.35	ug/l	94
38) Carbon Tetrachloride	5.684	117	125484	48.17	ug/l	97
39) Methylcyclohexane	7.385	83	124509	44.43	ug/l	95
40) Benzene	6.044	78	327938	47.92	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	75493	48.92	ug/l	92
42) 1,2-Dichloroethane	6.092	62	139059	48.38	ug/l	94
43) Isopropyl Acetate	6.348	43	215713	47.48	ug/l	93
44) Trichloroethene	7.129	130	88544	47.02	ug/l	96
45) 1,2-Dichloropropane	7.434	63	86307	48.88	ug/l	98
46) Dibromomethane	7.586	93	63782	48.17	ug/l	97
47) Bromodichloromethane	7.824	83	121965	50.26	ug/l	97
48) Methyl methacrylate	7.696	41	109944	48.88	ug/l	87
49) 1,4-Dioxane	7.665	88	46259	897.83	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	732591	244.27	ug/l	91
52) Toluene	8.720	92	212753	48.12	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	128250	46.63	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	131678	47.09	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	91903	50.28	ug/l	99
56) Ethyl methacrylate	9.122	69	146182	50.24	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	151657	49.17	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	370932	258.28	ug/l	98
59) 2-Hexanone	9.433	43	569733	241.22	ug/l	89
60) Dibromochloromethane	9.525	129	94598	45.71	ug/l	99
61) 1,2-Dibromoethane	9.616	107	98565	49.12	ug/l	99
64) Tetrachloroethene	9.275	164	81118	49.91	ug/l	93
65) Chlorobenzene	10.086	112	234279	47.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	93003	51.01	ug/l	98
67) Ethyl Benzene	10.195	91	425613	49.14	ug/l	99
68) m/p-Xylenes	10.305	106	330660	99.57	ug/l	98
69) o-Xylene	10.646	106	165313	50.34	ug/l	99
70) Styrene	10.659	104	274693	50.02	ug/l	97
71) Bromoform	10.805	173	69402	43.97	ug/l #	98
73) Isopropylbenzene	10.963	105	433193	49.53	ug/l	100
74) N-amyl acetate	10.848	43	196270	48.79	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	150509	48.66	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	136235m	48.49	ug/l	
77) Bromobenzene	11.201	156	107594	47.81	ug/l	97
78) n-propylbenzene	11.305	91	502761	49.18	ug/l	100
79) 2-Chlorotoluene	11.366	91	309145	49.64	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	376761	50.43	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	41319	40.90	ug/l	92
82) 4-Chlorotoluene	11.457	91	360025	49.13	ug/l	99
83) tert-Butylbenzene	11.719	119	375150	50.09	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	380757	51.26	ug/l	99
85) sec-Butylbenzene	11.896	105	460915	50.02	ug/l	100
86) p-Isopropyltoluene	12.012	119	392113	49.90	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	204407	47.69	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	205858	46.50	ug/l	98
89) n-Butylbenzene	12.335	91	335254	48.19	ug/l	97
90) Hexachloroethane	12.542	117	62171	48.12	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	203727	48.08	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37280	49.92	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	129042	47.84	ug/l	98
94) Hexachlorobutadiene	13.725	225	52899	42.87	ug/l	97
95) Naphthalene	13.780	128	466179	53.99	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	134271	48.58	ug/l	99

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

