

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024474.D
 Acq On : 24 Sep 2021 01:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:58:02 PM

Quant Time: Sep 24 07:41:59 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	5.562	168	152459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246205	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108308	50.406	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.820%			
35) Dibromofluoromethane	5.398	113	82809	50.629	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.260%			
50) Toluene-d8	8.653	98	313363	52.055	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.100%			
62) 4-Bromofluorobenzene	11.086	95	114699	48.459	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	89091	58.074	ug/l	97
3) Chloromethane	1.295	50	87065	60.209	ug/l	99
4) Vinyl Chloride	1.374	62	85390	56.451	ug/l	99
5) Bromomethane	1.599	94	48473	47.613	ug/l	100
6) Chloroethane	1.679	64	46601	46.275	ug/l	97
7) Trichlorofluoromethane	1.886	101	126224	47.287	ug/l	99
8) Diethyl Ether	2.136	74	43292	47.648	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	77804	51.689	ug/l	96
10) Methyl Iodide	2.453	142	117481	55.780	ug/l	92
11) Tert butyl alcohol	2.977	59	143756	289.619	ug/l	99
12) 1,1-Dichloroethene	2.319	96	71829	51.396	ug/l	90
13) Acrolein	2.240	56	31050	266.490	ug/l	98
14) Allyl chloride	2.666	41	150141	58.761	ug/l	96
15) Acrylonitrile	3.075	53	276386	283.135	ug/l	98
16) Acetone	2.386	43	255726	283.429	ug/l	89
17) Carbon Disulfide	2.508	76	189798	52.671	ug/l	99
18) Methyl Acetate	2.709	43	187220	58.188	ug/l	93
19) Methyl tert-butyl Ether	3.124	73	296604	56.314	ug/l	100
20) Methylene Chloride	2.794	84	96056	59.974	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	86812	54.702	ug/l	95
22) Diisopropyl ether	3.770	45	288100	55.188	ug/l	97
23) Vinyl Acetate	3.727	43	1174720	277.891	ug/l	94
24) 1,1-Dichloroethane	3.611	63	161437	55.697	ug/l	97
25) 2-Butanone	4.568	43	425315	287.417	ug/l	94
26) 2,2-Dichloropropane	4.489	77	114700	43.991	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	105227	56.730	ug/l	99
28) Bromochloromethane	4.910	49	78839	59.918	ug/l	99
29) Tetrahydrofuran	5.020	42	275675	292.368	ug/l	91
30) Chloroform	5.105	83	170317	53.205	ug/l	98
31) Cyclohexane	5.477	56	140625	54.655	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	157075	55.270	ug/l	99
36) 1,1-Dichloropropene	5.696	75	123361	52.266	ug/l	99
37) Ethyl Acetate	4.727	43	157407	53.416	ug/l	96
38) Carbon Tetrachloride	5.684	117	135408	52.704	ug/l	98
39) Methylcyclohexane	7.385	83	142823	51.679	ug/l	99
40) Benzene	6.044	78	359967	53.335	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	85963	56.488	ug/l	93
42) 1,2-Dichloroethane	6.093	62	145896	51.473	ug/l	95
43) Isopropyl Acetate	6.349	43	218998	48.884	ug/l	93
44) Trichloroethene	7.129	130	93720	50.470	ug/l	99
45) 1,2-Dichloropropane	7.434	63	89864	51.610	ug/l	96
46) Dibromomethane	7.586	93	66310	50.786	ug/l	98
47) Bromodichloromethane	7.830	83	129998	54.326	ug/l	98
48) Methyl methacrylate	7.702	41	117473	52.956	ug/l	88
49) 1,4-Dioxane	7.665	88	54633	1075.242	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	793222	268.200	ug/l	92
52) Toluene	8.720	92	227696	52.227	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	138526	51.075	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	137438	49.836	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	94901	52.644	ug/l	98
56) Ethyl methacrylate	9.122	69	150057	52.299	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	164591	54.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	377274	266.384	ug/l	97
59) 2-Hexanone	9.433	43	592612	254.433	ug/l	88
60) Dibromochloromethane	9.525	129	94942	46.500	ug/l	100
61) 1,2-Dibromoethane	9.616	107	98058	49.548	ug/l	99
64) Tetrachloroethene	9.275	164	83516	52.472	ug/l	93
65) Chlorobenzene	10.086	112	247258	51.611	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	92951	52.059	ug/l	99
67) Ethyl Benzene	10.195	91	446680	52.671	ug/l	99
68) m/p-Xylenes	10.305	106	350299	107.717	ug/l	98
69) o-Xylene	10.647	106	178872	55.623	ug/l	99
70) Styrene	10.659	104	292255	54.350	ug/l	98
71) Bromoform	10.805	173	70546	45.555	ug/l #	98
73) Isopropylbenzene	10.964	105	438563	50.016	ug/l	99
74) N-amyl acetate	10.848	43	197657	49.008	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	160168	51.652	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	146435m	51.989	ug/l	
77) Bromobenzene	11.201	156	114574	50.780	ug/l	95
78) n-propylbenzene	11.305	91	547307	53.395	ug/l	99
79) 2-Chlorotoluene	11.366	91	328734	52.648	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	413223	55.165	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	44741	44.022	ug/l	89
82) 4-Chlorotoluene	11.457	91	385311	52.447	ug/l	99
83) tert-Butylbenzene	11.720	119	406032	54.068	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	412575	55.394	ug/l	98
85) sec-Butylbenzene	11.896	105	505582	54.723	ug/l	99
86) p-Isopropyltoluene	12.012	119	412313	52.336	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	211770	49.284	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	217717	49.050	ug/l	100
89) n-Butylbenzene	12.335	91	367977	52.751	ug/l	97
90) Hexachloroethane	12.543	117	68778	53.091	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	215800	50.801	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40239	53.743	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	136109	50.326	ug/l	99
94) Hexachlorobutadiene	13.725	225	58866	47.580	ug/l	98
95) Naphthalene	13.780	128	492667	56.912	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	144654	52.195	ug/l	99

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

