

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021421.D
 Acq On : 24 Mar 2021 06:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 2:58:40 PM

Quant Time: Mar 24 06:33:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	73502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	127151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	58759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62434	51.79	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.58%			
35) Dibromofluoromethane	5.464	113	44082	50.95	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.90%			
50) Toluene-d8	8.694	98	158787	50.58	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.16%			
62) 4-Bromofluorobenzene	11.118	95	62602	51.35	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	41215	46.94	ug/l	99
3) Chloromethane	1.311	50	45652	35.49	ug/l	99
4) Vinyl Chloride	1.393	62	44564	49.83	ug/l	100
5) Bromomethane	1.622	94	14874	38.08	ug/l	98
6) Chloroethane	1.699	64	28609	52.35	ug/l	100
7) Trichlorofluoromethane	1.911	101	72291	53.62	ug/l	98
8) Diethyl Ether	2.170	74	24901	52.49	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.364	101	37319	48.58	ug/l	95
10) Methyl Iodide	2.487	142	22725	33.89	ug/l #	89
11) Tert butyl alcohol	3.023	59	52549	259.46	ug/l	96
12) 1,1-Dichloroethene	2.352	96	38483	51.36	ug/l	84
13) Acrolein	2.275	56	32938	271.85	ug/l	99
14) Allyl chloride	2.705	41	75483	48.88	ug/l #	88
15) Acrylonitrile	3.117	53	130469	277.06	ug/l	97
16) Acetone	2.423	43	125235	282.33	ug/l #	87
17) Carbon Disulfide	2.546	76	103885	47.66	ug/l	98
18) Methyl Acetate	2.746	43	65903	54.21	ug/l	90
19) Methyl tert-butyl Ether	3.164	73	152698	54.30	ug/l	100
20) Methylene Chloride	2.834	84	46355	50.81	ug/l #	85
21) trans-1,2-Dichloroethene	3.140	96	42552	50.87	ug/l	90
22) Diisopropyl ether	3.823	45	161447	54.41	ug/l	93
23) Vinyl Acetate	3.782	43	701492	271.01	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	85246	53.21	ug/l	97
25) 2-Butanone	4.635	43	188701	276.64	ug/l	91
26) 2,2-Dichloropropane	4.552	77	49764	35.60	ug/l	98
27) cis-1,2-Dichloroethene	4.558	96	50739	52.79	ug/l	94
28) Bromochloromethane	4.982	49	39307	52.07	ug/l	85
29) Tetrahydrofuran	5.088	42	120846	268.24	ug/l	87
30) Chloroform	5.176	83	90793	54.43	ug/l	97
31) Cyclohexane	5.546	56	70795	48.58	ug/l	91
32) 1,1,1-Trichloroethane	5.464	97	80470	54.44	ug/l	96
36) 1,1-Dichloropropene	5.764	75	62493	48.78	ug/l	97
37) Ethyl Acetate	4.793	43	73121	49.25	ug/l #	93
38) Carbon Tetrachloride	5.752	117	69461	52.21	ug/l	98
39) Methylcyclohexane	7.441	83	64513	45.35	ug/l	93
40) Benzene	6.111	78	184702	52.32	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	41551	48.77	ug/l	89
42) 1,2-Dichloroethane	6.158	62	80358	52.76	ug/l	93
43) Isopropyl Acetate	6.411	43	122046	50.13	ug/l #	91
44) Trichloroethene	7.188	130	47369	50.51	ug/l	96
45) 1,2-Dichloropropane	7.488	63	49897	52.60	ug/l	97
46) Dibromomethane	7.635	93	36097	52.00	ug/l	94
47) Bromodichloromethane	7.870	83	76505	54.96	ug/l	96
48) Methyl methacrylate	7.747	41	66022	51.13	ug/l #	82
49) 1,4-Dioxane	7.711	88	23295	1059.84	ug/l #	89
51) 4-Methyl-2-Pentanone	8.617	43	388201	274.06	ug/l	88
52) Toluene	8.765	92	118035	54.06	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	73322	49.65	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	77926	49.41	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	49621	55.56	ug/l	97
56) Ethyl methacrylate	9.159	69	76266	53.10	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	83300	53.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	199014	253.53	ug/l	96
59) 2-Hexanone	9.471	43	289452	273.02	ug/l	85
60) Dibromochloromethane	9.565	129	56541	55.58	ug/l	98
61) 1,2-Dibromoethane	9.653	107	53960	55.12	ug/l	98
64) Tetrachloroethene	9.318	164	41518	46.45	ug/l	96
65) Chlorobenzene	10.118	112	125301	50.93	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.200	131	49972	54.74	ug/l	98
67) Ethyl Benzene	10.235	91	233636	51.34	ug/l	98
68) m/p-Xylenes	10.341	106	168319	103.53	ug/l	93
69) o-Xylene	10.682	106	82140	51.99	ug/l	95
70) Styrene	10.694	104	140684	53.07	ug/l	95
71) Bromoform	10.841	173	40638	55.06	ug/l #	100
73) Isopropylbenzene	11.000	105	225653	51.70	ug/l	99
74) N-amyl acetate	10.877	43	106995	48.33	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	77933	53.79	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	71856m	52.72	ug/l	
77) Bromobenzene	11.241	156	54824	52.94	ug/l	96
78) n-propylbenzene	11.341	91	261923	51.31	ug/l	98
79) 2-Chlorotoluene	11.406	91	156171	50.38	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	190505	51.58	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	20518	40.87	ug/l #	85
82) 4-Chlorotoluene	11.494	91	186000	50.96	ug/l	97
83) tert-Butylbenzene	11.753	119	187446	53.31	ug/l	93
84) 1,2,4-Trimethylbenzene	11.788	105	196026	52.20	ug/l	96
85) sec-Butylbenzene	11.930	105	213762	51.58	ug/l	99
86) p-Isopropyltoluene	12.047	119	191180	50.35	ug/l	95
87) 1,3-Dichlorobenzene	12.006	146	95781	50.71	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	95786	49.59	ug/l	98
89) n-Butylbenzene	12.371	91	171549	49.57	ug/l	96
90) Hexachloroethane	12.577	117	34535	59.71	ug/l	90
91) 1,2-Dichlorobenzene	12.377	146	94071	51.07	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	17831	47.98	ug/l	82
93) 1,2,4-Trichlorobenzene	13.630	180	60241	49.75	ug/l	98
94) Hexachlorobutadiene	13.765	225	24533	48.28	ug/l	96
95) Naphthalene	13.818	128	205966	49.42	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	61459	50.96	ug/l	98

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

