

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032021\
 Data File : VX021293.D
 Acq On : 19 Mar 2021 09:40
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005310

Quant Time: Mar 19 23:54:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR031821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 18 11:53:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	61199	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	55154	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	27665	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	17080	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.693	69	13622	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.340	63	42372	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.517	46	50717	48.20	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.40%
24) Chloroform-d	5.135	84	40270	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	6.023	65	22659	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	6.041	84	71799	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	7.365	67	22833	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	8.694	98	69084	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloroprop...	8.994	79	9613	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	9.424	63	39890	48.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.62%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	17030	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
66) 1,2-Dichlorobenzene-d4	12.359	152	23610	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.181	85	37011	5.17	ug/L	99
3) Chloromethane	1.311	50	32597	4.60	ug/L	99
5) Vinyl chloride	1.393	62	27304	4.94	ug/L	100
6) Bromomethane	1.628	94	10680	4.73	ug/L	98
8) Chloroethane	1.711	64	15533	4.95	ug/L	98
9) Trichlorofluoromethane	1.917	101	41199	5.06	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	23728	5.06	ug/L	96
12) 1,1-Dichloroethene	2.352	96	21554	4.99	ug/L	88
13) Acetone	2.417	43	35863	48.66	ug/L	89
14) Carbon disulfide	2.546	76	72436	5.02	ug/L	100
15) Methyl Acetate	2.746	43	9770	4.80	ug/L #	89
16) Methylene chloride	2.829	84	23885	4.38	ug/L	87
17) Methyl tert-butyl Ether	3.158	73	55108	5.03	ug/L #	92
18) trans-1,2-Dichloroethene	3.135	96	22725	4.95	ug/L	91
19) 1,1-Dichloroethane	3.664	63	43259	5.07	ug/L	97
21) 2-Butanone	4.629	43	60769	50.31	ug/L	90
22) cis-1,2-Dichloroethene	4.558	96	24562	5.00	ug/L	79
23) Bromochloromethane	4.976	128	10317	5.19	ug/L	90
25) Chloroform	5.170	83	44808	4.99	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.153	62	30770	5.02	ug/L #	92
29) 1,1,1-Trichloroethane	5.458	97	41842	5.21	ug/L	96
30) Cyclohexane	5.541	56	41992	5.17	ug/L	93
31) Carbon tetrachloride	5.741	117	37042	5.22	ug/L	99
33) Benzene	6.106	78	93453	5.14	ug/L	100
34) Trichloroethene	7.182	95	25889	5.19	ug/L	94
35) Methylcyclohexane	7.435	83	41526	5.19	ug/L	96
37) 1,2-Dichloropropane	7.482	63	24094	5.23	ug/L	98
38) Bromodichloromethane	7.870	83	32675	5.17	ug/L	100
39) cis-1,3-Dichloropropene	8.412	75	35123	5.01	ug/L	95
40) 4-Methyl-2-pentanone	8.618	43	152266	51.96	ug/L #	88
42) Toluene	8.759	91	99861	5.17	ug/L	98
44) trans-1,3-Dichloropropene	9.018	75	30932	5.22	ug/L	99
45) 1,1,2-Trichloroethane	9.194	97	15564	5.04	ug/L	93
47) Tetrachloroethene	9.312	164	18701	5.08	ug/L	91
48) 2-Hexanone	9.471	43	107820	50.98	ug/L #	89
49) Dibromochloromethane	9.559	129	20626	5.19	ug/L	98
50) 1,2-Dibromoethane	9.653	107	15602	5.20	ug/L #	99
51) Chlorobenzene	10.118	112	62491	5.13	ug/L	92
52) Ethylbenzene	10.230	91	114009	5.13	ug/L	98
53) m,p-xylene	10.341	106	41973	5.10	ug/L	98
54) o-xylene	10.683	106	39412	5.08	ug/L	88
55) Styrene	10.694	104	68450	5.14	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.247	83	19555	5.22	ug/L	97
59) Bromoform	10.836	173	10869	5.10	ug/L	98
60) Isopropylbenzene	11.000	105	110693	5.20	ug/L	98
61) 1,2,3-Trichloropropane	11.277	75	14468	4.95	ug/L	98
62) 1,3,5-Trimethylbenzene	11.489	105	95544	5.23	ug/L	98
63) 1,2,4-Trimethylbenzene	11.789	105	94556	5.14	ug/L	98
64) 1,3-Dichlorobenzene	12.006	146	47825	5.01	ug/L	91
65) 1,4-Dichlorobenzene	12.077	146	49187	5.12	ug/L	97
67) 1,2-Dichlorobenzene	12.377	146	45615	5.32	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.983	75	3495	4.83	ug/L	84
69) 1,3,5-Trichlorobenzene	13.154	180	37423	5.25	ug/L	99
70) 1,2,4-trichlorobenzene	13.630	180	33196	5.45	ug/L	98
71) Naphthalene	13.818	128	61012	5.54	ug/L	99
72) 1,2,3-Trichlorobenzene	14.001	180	28429	5.31	ug/L	97

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

