

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110221\
 Data File : VX025040.D
 Acq On : 02 Nov 2021 09:51
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005695

Quant Time: Nov 03 00:50:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 03:09:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	87345	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	79798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	41353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	14336	5.591	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.800%	
7) Chloroethane-d5	1.672	69	11534	4.992	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.800%	
11) 1,1-Dichloroethene-d2	2.313	63	46409	4.855	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.200%	
20) 2-Butanone-d5	4.477	46	51280	54.697	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.400%	
24) Chloroform-d	5.062	84	53497	4.334	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
26) 1,2-Dichloroethane-d4	5.958	65	28392	4.208	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
32) Benzene-d6	5.977	84	81704	4.394	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	7.312	67	26466	4.462	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	8.653	98	83870	4.499	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
43) trans-1,3-Dichloroprop...	8.952	79	13727	5.042	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.800%	
46) 2-Hexanone-d5	9.385	63	45529	46.463	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.920%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	19043	4.200	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.000%	
66) 1,2-Dichlorobenzene-d4	12.323	152	27789	3.988	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	79.800%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41924	4.181	ug/L	94
3) Chloromethane	1.295	50	21064	6.015	ug/L	91
5) Vinyl chloride	1.374	62	25358	5.927	ug/L	98
6) Bromomethane	1.618	94	17057	5.110	ug/L	94
8) Chloroethane	1.691	64	14892	5.797	ug/L	100
9) Trichlorofluoromethane	1.892	101	63291	4.968	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	32148	4.811	ug/L	97
12) 1,1-Dichloroethene	2.325	96	26174	4.885	ug/L	81
13) Acetone	2.404	43	44408	63.149	ug/L	93
14) Carbon disulfide	2.514	76	70485	4.823	ug/L	99
15) Methyl Acetate	2.721	43	9906	6.196	ug/L #	85
16) Methylene chloride	2.788	84	29503	4.739	ug/L #	71
17) Methyl tert-butyl Ether	3.117	73	76912	4.994	ug/L	97
18) trans-1,2-Dichloroethene	3.093	96	28643	4.585	ug/L	85
19) 1,1-Dichloroethane	3.611	63	59815	5.478	ug/L	94
21) 2-Butanone	4.580	43	69732	67.419	ug/L	83
22) cis-1,2-Dichloroethene	4.495	96	31531	4.710	ug/L	85
23) Bromochloromethane	4.904	128	13412	4.434	ug/L #	78
25) Chloroform	5.099	83	69688	4.909	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	42638	4.901	ug/L	98
29) 1,1,1-Trichloroethane	5.379	97	66878	4.828	ug/L	96
30) Cyclohexane	5.471	56	49800	5.792	ug/L	88
31) Carbon tetrachloride	5.684	117	58861	4.938	ug/L	97
33) Benzene	6.044	78	118560	5.085	ug/L	100
34) Trichloroethene	7.123	95	36553	4.814	ug/L	92
35) Methylcyclohexane	7.385	83	53089	5.002	ug/L	94
37) 1,2-Dichloropropane	7.434	63	32250	5.659	ug/L	98
38) Bromodichloromethane	7.824	83	46942	4.946	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	49492	5.151	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	165996	65.385	ug/L #	87
42) Toluene	8.720	91	135144	4.956	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	43973	5.052	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	21395	4.667	ug/L	96
47) Tetrachloroethene	9.275	164	24870	4.689	ug/L	90
48) 2-Hexanone	9.433	43	121181	65.378	ug/L #	90
49) Dibromochloromethane	9.525	129	29260	4.885	ug/L	89
50) 1,2-Dibromoethane	9.610	107	21429	4.666	ug/L	90
51) Chlorobenzene	10.080	112	83818	4.841	ug/L	98
52) Ethylbenzene	10.195	91	158739	4.933	ug/L	100
53) m,p-xylene	10.305	106	54971	4.816	ug/L	96
54) o-xylene	10.646	106	53106	4.772	ug/L	95
55) Styrene	10.659	104	89979	4.817	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	24324	4.597	ug/L	94
59) Bromoform	10.805	173	13555	4.727	ug/L #	98
60) Isopropylbenzene	10.964	105	158826	4.821	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	19691	4.880	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	135772	4.721	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	140529	4.770	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	65499	4.780	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	65681	4.780	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	59388	4.715	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.945	75	4531	4.612	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.116	180	49613	4.756	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	38920	4.717	ug/L	95
71) Naphthalene	13.780	128	67144	4.517	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	35543	4.790	ug/L	97

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

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