

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102621\
 Data File : VX024934.D
 Acq On : 26 Oct 2021 10:09
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005691

Quant Time: Oct 27 02:56:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 26 01:24:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	73006	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	68141	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	32461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	8486	3.959	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.673	69	8592	4.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.313	63	36574	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.477	46	40500	51.684	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.360%
24) Chloroform-d	5.068	84	52011	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.964	65	24695	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.983	84	75638	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	7.312	67	22766	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	8.653	98	75088	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.958	79	10810	4.650	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	9.391	63	41774	49.924	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.840%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	19381	5.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	26885	4.915	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	39718	4.739	ug/L	99
3) Chloromethane	1.288	50	12036	4.112	ug/L	87
5) Vinyl chloride	1.374	62	16381	4.581	ug/L	93
6) Bromomethane	1.618	94	10367	3.716	ug/L	99
8) Chloroethane	1.691	64	9056	4.218	ug/L	87
9) Trichlorofluoromethane	1.892	101	50990	4.788	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	27563	4.935	ug/L	95
12) 1,1-Dichloroethene	2.319	96	21290	4.753	ug/L #	69
13) Acetone	2.410	43	28147	47.887	ug/L	96
14) Carbon disulfide	2.514	76	58496	4.789	ug/L #	95
15) Methyl Acetate	2.721	43	5861	4.386	ug/L	97
16) Methylene chloride	2.794	84	24815	4.769	ug/L	95
17) Methyl tert-butyl Ether	3.117	73	63013	4.895	ug/L	98
18) trans-1,2-Dichloroethene	3.093	96	24987	4.785	ug/L	90
19) 1,1-Dichloroethane	3.617	63	44370	4.862	ug/L	94
21) 2-Butanone	4.574	43	43061	49.810	ug/L	98
22) cis-1,2-Dichloroethene	4.489	96	27788	4.966	ug/L	95
23) Bromochloromethane	4.910	128	12419	4.912	ug/L	86
25) Chloroform	5.099	83	60036	5.060	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	35721	4.912	ug/L #	96
29) 1,1,1-Trichloroethane	5.391	97	60087	5.079	ug/L	99
30) Cyclohexane	5.477	56	35105	4.781	ug/L	99
31) Carbon tetrachloride	5.684	117	52460	5.154	ug/L	97
33) Benzene	6.044	78	100234	5.035	ug/L	100
34) Trichloroethene	7.129	95	32768	5.054	ug/L	92
35) Methylcyclohexane	7.385	83	42571	4.697	ug/L	97
37) 1,2-Dichloropropane	7.434	63	23923	4.916	ug/L	98
38) Bromodichloromethane	7.824	83	40231	4.964	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	41243	5.027	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	100797	46.496	ug/L	99
42) Toluene	8.720	91	116765	5.015	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	36938	4.970	ug/L	93
45) 1,1,2-Trichloroethane	9.153	97	18361	4.690	ug/L	92
47) Tetrachloroethene	9.275	164	22823	5.039	ug/L	92
48) 2-Hexanone	9.433	43	72563	45.846	ug/L	98
49) Dibromochloromethane	9.525	129	26004	5.084	ug/L	99
50) 1,2-Dibromoethane	9.610	107	19384	4.943	ug/L	98
51) Chlorobenzene	10.086	112	75555	5.111	ug/L	92
52) Ethylbenzene	10.195	91	137661	5.010	ug/L	98
53) m,p-xylene	10.305	106	49425	5.071	ug/L	99
54) o-xylene	10.647	106	46930	4.939	ug/L	99
55) Styrene	10.659	104	80019	5.017	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	21512	4.761	ug/L	95
59) Bromoform	10.805	173	11831	5.256	ug/L #	98
60) Isopropylbenzene	10.964	105	139476	5.393	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	16458	5.196	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	123017	5.449	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	122975	5.318	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	58813	5.467	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	56444	5.233	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	51816	5.240	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.951	75	4094	5.309	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	41833	5.108	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	34769	5.368	ug/L	95
71) Naphthalene	13.780	128	60392	5.176	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	31176	5.352	ug/L	97

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

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