

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102621\
 Data File : VX024961.D
 Acq On : 26 Oct 2021 21:08
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005692

Quant Time: Oct 27 03:07:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 02:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.775	114	66968	5.000	ug/L	0.01
28) Chlorobenzene-d5	10.061	117	62839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	34088	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	7714	3.924	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.672	69	7757	4.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.313	63	32479	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.489	46	36819	51.223	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.440%
24) Chloroform-d	5.068	84	49188	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.964	65	24885	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.983	84	73505	5.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	7.318	67	22424	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	8.653	98	73759	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.952	79	9783	4.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	9.391	63	40053	51.906	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.820%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	19273	5.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	12.323	152	27933	4.862	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37842	4.922	ug/L	94
3) Chloromethane	1.288	50	10238	3.813	ug/L	96
5) Vinyl chloride	1.374	62	14312	4.363	ug/L	97
6) Bromomethane	1.618	94	10150	3.966	ug/L	98
8) Chloroethane	1.691	64	8728	4.432	ug/L	96
9) Trichlorofluoromethane	1.892	101	49663	5.084	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	26137	5.101	ug/L	95
12) 1,1-Dichloroethene	2.325	96	21415	5.213	ug/L	96
13) Acetone	2.416	43	24654	45.726	ug/L	97
14) Carbon disulfide	2.514	76	54006	4.820	ug/L	98
15) Methyl Acetate	2.721	43	5492	4.480	ug/L	91
16) Methylene chloride	2.800	84	23027	4.824	ug/L	89
17) Methyl tert-butyl Ether	3.123	73	62904	5.327	ug/L	97
18) trans-1,2-Dichloroethene	3.093	96	23920	4.994	ug/L	93
19) 1,1-Dichloroethane	3.611	63	41824	4.996	ug/L	90
21) 2-Butanone	4.599	43	38633	48.717	ug/L	95
22) cis-1,2-Dichloroethene	4.501	96	25774	5.022	ug/L	92
23) Bromochloromethane	4.916	128	11823	5.098	ug/L	85
25) Chloroform	5.105	83	58209	5.348	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.099	62	33466	5.017	ug/L #	94
29) 1,1,1-Trichloroethane	5.397	97	58149	5.330	ug/L	97
30) Cyclohexane	5.477	56	32791	4.843	ug/L	98
31) Carbon tetrachloride	5.690	117	51696	5.508	ug/L	98
33) Benzene	6.050	78	94558	5.150	ug/L	100
34) Trichloroethene	7.135	95	30923	5.171	ug/L	92
35) Methylcyclohexane	7.385	83	40577	4.855	ug/L	98
37) 1,2-Dichloropropane	7.440	63	22980	5.121	ug/L	98
38) Bromodichloromethane	7.824	83	39651	5.305	ug/L	88
39) cis-1,3-Dichloropropene	8.373	75	37658	4.977	ug/L	96
40) 4-Methyl-2-pentanone	8.580	43	93657	46.847	ug/L	98
42) Toluene	8.726	91	110207	5.133	ug/L	95
44) trans-1,3-Dichloropropene	8.982	75	33966	4.955	ug/L	94
45) 1,1,2-Trichloroethane	9.159	97	18907	5.237	ug/L	94
47) Tetrachloroethene	9.281	164	21080	5.047	ug/L	91
48) 2-Hexanone	9.433	43	66830	45.786	ug/L	96
49) Dibromochloromethane	9.525	129	25493	5.405	ug/L	97
50) 1,2-Dibromoethane	9.616	107	18044	4.989	ug/L #	92
51) Chlorobenzene	10.086	112	70988	5.207	ug/L	94
52) Ethylbenzene	10.195	91	131367	5.184	ug/L	95
53) m,p-xylene	10.305	106	47985	5.338	ug/L	100
54) o-xylene	10.646	106	46170	5.269	ug/L	99
55) Styrene	10.659	104	78292	5.323	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	19401	4.657	ug/L #	95
59) Bromoform	10.805	173	12338	5.220	ug/L	98
60) Isopropylbenzene	10.963	105	133931	4.932	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	15411	4.633	ug/L	92
62) 1,3,5-Trimethylbenzene	11.457	105	118621	5.003	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	120014	4.942	ug/L	99
64) 1,3-Dichlorobenzene	11.976	146	56008	4.958	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	55033	4.859	ug/L	99
67) 1,2-Dichlorobenzene	12.341	146	53161	5.120	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	3950	4.878	ug/L	91
69) 1,3,5-Trichlorobenzene	13.116	180	41200	4.791	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	33614	4.942	ug/L	93
71) Naphthalene	13.780	128	61840	5.047	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	30723	5.022	ug/L	98

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

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