

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102521\
 Data File : VX024932.D
 Acq On : 26 Oct 2021 00:09
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005690

Quant Time: Oct 26 01:29:06 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	71448	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	66432	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33744	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	8359	3.985	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.672	69	8626	4.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.313	63	35515	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.471	46	39800	51.898	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.800%
24) Chloroform-d	5.068	84	51177	5.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.958	65	25782	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.983	84	77538	5.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	7.312	67	23697	4.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	8.653	98	74448	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.952	79	10222	4.510	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	9.384	63	40566	49.727	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.460%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	19103	5.061	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	26335	4.631	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37898	4.620	ug/L	95
3) Chloromethane	1.288	50	12029	4.199	ug/L	96
5) Vinyl chloride	1.374	62	14906	4.260	ug/L	94
6) Bromomethane	1.618	94	9007	3.299	ug/L	96
8) Chloroethane	1.691	64	9031	4.298	ug/L	87
9) Trichlorofluoromethane	1.892	101	50725	4.867	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	26922	4.925	ug/L	97
12) 1,1-Dichloroethene	2.325	96	21040	4.800	ug/L	90
13) Acetone	2.404	43	24797	43.108	ug/L	98
14) Carbon disulfide	2.514	76	57168	4.782	ug/L	98
15) Methyl Acetate	2.715	43	6712	5.132	ug/L	93
16) Methylene chloride	2.794	84	25559	5.019	ug/L	97
17) Methyl tert-butyl Ether	3.117	73	63294	5.024	ug/L	96
18) trans-1,2-Dichloroethene	3.099	96	23889	4.674	ug/L	93
19) 1,1-Dichloroethane	3.611	63	44456	4.978	ug/L	97
21) 2-Butanone	4.580	43	39823	47.069	ug/L	94
22) cis-1,2-Dichloroethene	4.495	96	27163	4.960	ug/L	85
23) Bromochloromethane	4.916	128	11351	4.588	ug/L	91
25) Chloroform	5.099	83	56523	4.867	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	33845	4.756	ug/L #	97
29) 1,1,1-Trichloroethane	5.391	97	56924	4.936	ug/L	96
30) Cyclohexane	5.477	56	32366	4.521	ug/L	94
31) Carbon tetrachloride	5.690	117	51556	5.196	ug/L	95
33) Benzene	6.044	78	95519	4.921	ug/L	100
34) Trichloroethene	7.129	95	32189	5.092	ug/L	98
35) Methylcyclohexane	7.385	83	42344	4.792	ug/L	97
37) 1,2-Dichloropropane	7.440	63	22932	4.834	ug/L	98
38) Bromodichloromethane	7.830	83	38936	4.928	ug/L	93
39) cis-1,3-Dichloropropene	8.372	75	37048	4.632	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	97984	46.361	ug/L	99
42) Toluene	8.720	91	109114	4.807	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	33499	4.623	ug/L	94
45) 1,1,2-Trichloroethane	9.159	97	18750	4.913	ug/L	93
47) Tetrachloroethene	9.275	164	21193	4.799	ug/L	91
48) 2-Hexanone	9.433	43	69733	45.191	ug/L	98
49) Dibromochloromethane	9.525	129	24223	4.858	ug/L	97
50) 1,2-Dibromoethane	9.616	107	18505	4.840	ug/L	98
51) Chlorobenzene	10.079	112	69835	4.845	ug/L	100
52) Ethylbenzene	10.195	91	128766	4.806	ug/L	98
53) m,p-xylene	10.305	106	47862	5.037	ug/L	97
54) o-xylene	10.646	106	46283	4.996	ug/L	93
55) Styrene	10.659	104	76915	4.946	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	20819	4.727	ug/L	93
59) Bromoform	10.805	173	11977	5.119	ug/L	97
60) Isopropylbenzene	10.963	105	132500	4.929	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	15840	4.810	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	114859	4.894	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	117953	4.907	ug/L	97
64) 1,3-Dichlorobenzene	11.976	146	56056	5.013	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	54782	4.886	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	50045	4.869	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	3541	4.417	ug/L	88
69) 1,3,5-Trichlorobenzene	13.116	180	40854	4.799	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	33697	5.005	ug/L	97
71) Naphthalene	13.780	128	58696	4.839	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	31345	5.176	ug/L	95

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

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