

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051721\
 Data File : VX022035.D
 Acq On : 17 May 2021 15:49
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005316

Quant Time: May 18 04:19:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 18 04:17:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	73683	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	66406	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31740	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	26502	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.672	69	21094	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.307	63	50810	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	4.471	46	65397	45.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.72%
24) Chloroform-d	5.068	84	45564	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.964	65	26011	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.977	84	110584	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	7.312	67	33758	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	8.653	98	100860	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloroprop...	8.952	79	13724	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	9.385	63	56041	43.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.52%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	23787	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
66) 1,2-Dichlorobenzene-d4	12.323	152	30809	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32006	4.83	ug/L	98
3) Chloromethane	1.288	50	30980	4.58	ug/L	99
5) Vinyl chloride	1.374	62	33983	4.69	ug/L	99
6) Bromomethane	1.612	94	15852	4.05	ug/L	92
8) Chloroethane	1.691	64	20062	4.60	ug/L	100
9) Trichlorofluoromethane	1.886	101	44853	4.73	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	27990	5.07	ug/L	99
12) 1,1-Dichloroethene	2.319	96	26065	4.91	ug/L	85
13) Acetone	2.404	43	38510	52.20	ug/L	99
14) Carbon disulfide	2.514	76	80814	4.70	ug/L	100
15) Methyl Acetate	2.715	43	10708	4.55	ug/L	97
16) Methylene chloride	2.788	84	33462	4.58	ug/L	95
17) Methyl tert-butyl Ether	3.117	73	63259	4.81	ug/L	99
18) trans-1,2-Dichloroethene	3.093	96	27641	4.82	ug/L	92
19) 1,1-Dichloroethane	3.611	63	50674	5.13	ug/L	97
21) 2-Butanone	4.580	43	69414	51.11	ug/L	98
22) cis-1,2-Dichloroethene	4.489	96	30699	4.96	ug/L	90
23) Bromochloromethane	4.898	128	11757	4.87	ug/L	92
25) Chloroform	5.099	83	58029	5.65	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	30718	5.14	ug/L	99
29) 1,1,1-Trichloroethane	5.391	97	45389	4.95	ug/L	99
30) Cyclohexane	5.471	56	48933	4.98	ug/L	99
31) Carbon tetrachloride	5.678	117	38375	4.94	ug/L	98
33) Benzene	6.044	78	115449	5.04	ug/L	100
34) Trichloroethene	7.129	95	29800	4.99	ug/L	97
35) Methylcyclohexane	7.385	83	50845	4.98	ug/L	99
37) 1,2-Dichloropropane	7.434	63	28225	5.06	ug/L	98
38) Bromodichloromethane	7.830	83	34507	4.83	ug/L #	96
39) cis-1,3-Dichloropropene	8.373	75	43307	4.97	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	174270	50.22	ug/L	99
42) Toluene	8.720	91	124326	5.10	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	35507	4.94	ug/L	93
45) 1,1,2-Trichloroethane	9.159	97	19586	5.11	ug/L	99
47) Tetrachloroethene	9.275	164	20377	5.11	ug/L	97
48) 2-Hexanone	9.433	43	120915	49.91	ug/L	99
49) Dibromochloromethane	9.525	129	21065	4.70	ug/L	98
50) 1,2-Dibromoethane	9.610	107	17835	5.05	ug/L	100
51) Chlorobenzene	10.086	112	76356	5.05	ug/L	98
52) Ethylbenzene	10.195	91	139952	5.14	ug/L	100
53) m,p-xylene	10.305	106	52879	5.05	ug/L	94
54) o-xylene	10.646	106	50956	5.04	ug/L	93
55) Styrene	10.659	104	84978	5.01	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	22166	4.92	ug/L	98
59) Bromoform	10.805	173	9961	4.58	ug/L	98
60) Isopropylbenzene	10.964	105	136543	5.05	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	16174	4.92	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	115690	5.10	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	118880	5.08	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	55194	4.97	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	54004	4.89	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	49408	4.86	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	3895	4.94	ug/L	89
69) 1,3,5-Trichlorobenzene	13.116	180	38104	4.81	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	32977	4.90	ug/L	100
71) Naphthalene	13.780	128	68514	4.72	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	28793	4.85	ug/L	97

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

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