

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051221\
 Data File : VX021930.D
 Acq On : 12 May 2021 16:30
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005312

Quant Time: May 13 01:13:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 13 01:12:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	77177	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	68690	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	32547	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25164	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.672	69	22101	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.306	63	45074	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	4.477	46	78219	51.79	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.58%
24) Chloroform-d	5.062	84	48289	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.958	65	27164	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.977	84	101136	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	7.312	67	32352	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	8.653	98	87768	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloroprop...	8.952	79	13487	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	9.384	63	67208	50.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.30%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	25709	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
66) 1,2-Dichlorobenzene-d4	12.323	152	30827	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33798	4.87	ug/L	98
3) Chloromethane	1.288	50	33545	4.73	ug/L	95
5) Vinyl chloride	1.374	62	36328	4.79	ug/L	99
6) Bromomethane	1.618	94	18389	4.49	ug/L	99
8) Chloroethane	1.691	64	21356	4.68	ug/L	100
9) Trichlorofluoromethane	1.892	101	48402	4.87	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	27839	4.81	ug/L	97
12) 1,1-Dichloroethene	2.319	96	27490	4.95	ug/L	90
13) Acetone	2.410	43	38054	49.25	ug/L	99
14) Carbon disulfide	2.514	76	85126	4.73	ug/L	99
15) Methyl Acetate	2.715	43	10892	4.42	ug/L	97
16) Methylene chloride	2.788	84	36896	4.83	ug/L	97
17) Methyl tert-butyl Ether	3.117	73	67907	4.93	ug/L	100
18) trans-1,2-Dichloroethene	3.093	96	28587	4.76	ug/L	100
19) 1,1-Dichloroethane	3.611	63	51386	4.97	ug/L	98
21) 2-Butanone	4.580	43	70105	49.28	ug/L	98
22) cis-1,2-Dichloroethene	4.495	96	30797	4.75	ug/L	88
23) Bromochloromethane	4.910	128	12095	4.78	ug/L	95
25) Chloroform	5.099	83	56610	5.26	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	31245	4.99	ug/L	99
29) 1,1,1-Trichloroethane	5.391	97	48316	5.10	ug/L	98
30) Cyclohexane	5.477	56	50303	4.95	ug/L	98
31) Carbon tetrachloride	5.678	117	39577	4.93	ug/L	97
33) Benzene	6.044	78	118556	5.00	ug/L	100
34) Trichloroethene	7.129	95	30609	4.96	ug/L	98
35) Methylcyclohexane	7.385	83	50947	4.82	ug/L	99
37) 1,2-Dichloropropane	7.434	63	28370	4.92	ug/L	100
38) Bromodichloromethane	7.824	83	37129	5.02	ug/L	92
39) cis-1,3-Dichloropropene	8.372	75	43347	4.81	ug/L	94
40) 4-Methyl-2-pentanone	8.580	43	178827	49.82	ug/L	99
42) Toluene	8.720	91	127786	5.07	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	36386	4.89	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	20200	5.09	ug/L	96
47) Tetrachloroethene	9.275	164	21270	5.16	ug/L	97
48) 2-Hexanone	9.433	43	128213	51.16	ug/L	99
49) Dibromochloromethane	9.525	129	22314	4.81	ug/L	94
50) 1,2-Dibromoethane	9.610	107	18522	5.07	ug/L #	100
51) Chlorobenzene	10.079	112	77815	4.98	ug/L	95
52) Ethylbenzene	10.195	91	141728	5.04	ug/L	99
53) m,p-xylene	10.305	106	54711	5.06	ug/L	100
54) o-xylene	10.646	106	52260	5.00	ug/L	89
55) Styrene	10.659	104	87338	4.98	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	22824	4.90	ug/L	98
59) Bromoform	10.805	173	10784	4.84	ug/L	98
60) Isopropylbenzene	10.963	105	140739	5.07	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	16983	5.04	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	118514	5.09	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	121894	5.08	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	55851	4.90	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	55925	4.94	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	51432	4.93	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	4147	5.13	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	40631	5.00	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	34788	5.04	ug/L	96
71) Naphthalene	13.780	128	74505	5.01	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	30178	4.96	ug/L	97

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

