

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110422\
 Data File : VU051765.D
 Acq On : 04 Nov 2022 17:14
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005082

Quant Time: Nov 04 22:08:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 22:04:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	179023	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	195170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114406	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52135	3.867	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.400%	
7) Chloroethane-d5	1.912	69	49778	3.540	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.800%	
11) 1,1-Dichloroethene-d2	2.565	65	21497	4.393	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.800%	
20) 2-Butanone-d5	4.620	46	177287	36.307	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.620%	
24) Chloroform-d	5.063	84	132711	4.206	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
26) 1,2-Dichloroethane-d4	5.700	65	64642	3.793	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.800%	
32) Benzene-d6	5.726	84	231554	3.760	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.200%	
36) 1,2-Dichloropropane-d6	6.690	67	80118	3.720	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	74.400%	
41) Toluene-d8	7.896	98	209322	4.322	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
43) trans-1,3-Dichloroprop...	8.179	79	27261	4.140	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.629	63	150201	37.890	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.780%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	80125	4.060	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.200%	
66) 1,2-Dichlorobenzene-d4	12.188	152	84076	4.004	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	80.000%	
Target Compounds						
2) Dichlorodifluoromethane	1.385	85	110278	5.633	ug/L	100
3) Chloromethane	1.526	50	109017	4.417	ug/L	100
5) Vinyl chloride	1.604	62	128063	5.417	ug/L #	71
6) Bromomethane	1.854	94	60832	5.427	ug/L	99
8) Chloroethane	1.932	64	75507	5.260	ug/L	95
9) Trichlorofluoromethane	2.137	101	149851	5.774	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	91804	6.017	ug/L	97
12) 1,1-Dichloroethene	2.578	96	86160	5.536	ug/L	95
13) Acetone	2.623	43	132447	53.458	ug/L	98
14) Carbon disulfide	2.790	76	261550	5.213	ug/L	100
15) Methyl Acetate	2.948	43	35119	5.414	ug/L	98
16) Methylene chloride	3.044	84	124379	4.879	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	184095	5.159	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	88243	5.283	ug/L	98
19) 1,1-Dichloroethane	3.867	63	175031	5.681	ug/L	98
21) 2-Butanone	4.700	43	209844	54.085	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	98326	5.320	ug/L	97
23) Bromochloromethane	4.973	128	46615	5.394	ug/L	97
25) Chloroform	5.086	83	177969	5.568	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	105380	5.358	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	140117	5.288	ug/L	100
30) Cyclohexane	5.385	56	122017	5.001	ug/L	99
31) Carbon tetrachloride	5.523	117	120637	5.323	ug/L	99
33) Benzene	5.771	78	396554	5.149	ug/L	100
34) Trichloroethene	6.539	95	94766	5.098	ug/L	98
35) Methylcyclohexane	6.761	83	129953	5.057	ug/L	96
37) 1,2-Dichloropropane	6.790	63	104382	5.269	ug/L	99
38) Bromodichloromethane	7.105	83	124817	5.158	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	125442	4.936	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	510582	51.386	ug/L	100
42) Toluene	7.967	91	419197	5.300	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	108938	5.129	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	74155	5.108	ug/L	98
47) Tetrachloroethene	8.552	164	73709	5.178	ug/L	90
48) 2-Hexanone	8.680	43	381899	51.925	ug/L	100
49) Dibromochloromethane	8.806	129	84748	5.110	ug/L	99
50) 1,2-Dibromoethane	8.922	107	68613	5.239	ug/L	99
51) Chlorobenzene	9.446	112	260569	5.234	ug/L	99
52) Ethylbenzene	9.568	91	402725	5.277	ug/L	98
53) m,p-Xylene	9.693	106	164439	5.547	ug/L	100
54) o-Xylene	10.098	106	153948	5.314	ug/L	99
55) Styrene	10.111	104	273300	5.642	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	95517	5.307	ug/L	100
59) Bromoform	10.288	173	48217	4.561	ug/L	97
60) Isopropylbenzene	10.481	105	407267	4.876	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	64957	4.391	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	99971	4.446	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	289993	4.473	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	208274	5.009	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	204984	4.917	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	193206	4.770	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	13014	4.272	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	145803	4.920	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	110739	4.867	ug/L	98
71) Naphthalene	14.085	128	170204	4.007	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	105725	4.602	ug/L	99

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

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