

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
 Data File : VU051815.D
 Acq On : 11 Nov 2022 09:31
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005198

Quant Time: Nov 12 01:12:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 00:38:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	215361	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	216630	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	108967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70897	4.371	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.909	69	69780	4.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.565	65	29376	4.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.620	46	209720	35.702	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.400%
24) Chloroform-d	5.060	84	165305	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.700	65	81428	3.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	5.726	84	330496	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.690	67	108654	4.545	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.896	98	305002	5.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.400%
43) trans-1,3-Dichloroprop...	8.179	79	37381	5.114	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.629	63	182163	41.401	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.800%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	98605	4.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	108341	5.417	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	92882	3.944	ug/L	98
3) Chloromethane	1.526	50	108915	3.668	ug/L	99
5) Vinyl chloride	1.604	62	110406	3.882	ug/L	86
6) Bromomethane	1.848	94	79172	5.871	ug/L	91
8) Chloroethane	1.932	64	70962	4.109	ug/L	97
9) Trichlorofluoromethane	2.137	101	135564	4.342	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	85709	4.670	ug/L	99
12) 1,1-Dichloroethene	2.578	96	78683	4.203	ug/L	96
13) Acetone	2.623	43	148970	49.982	ug/L	98
14) Carbon disulfide	2.790	76	191802	3.178	ug/L	100
15) Methyl Acetate	2.948	43	36385	4.663	ug/L	97
16) Methylene chloride	3.044	84	115590	3.769	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	209886	4.889	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	85102	4.235	ug/L	99
19) 1,1-Dichloroethane	3.867	63	176268	4.756	ug/L	97
21) 2-Butanone	4.697	43	243420	52.152	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	103030	4.634	ug/L	99
23) Bromochloromethane	4.973	128	49771	4.788	ug/L	98
25) Chloroform	5.086	83	191392	4.978	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	115032	4.862	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	141173	4.800	ug/L	99
30) Cyclohexane	5.388	56	106847	3.945	ug/L	99
31) Carbon tetrachloride	5.523	117	115967	4.610	ug/L	99
33) Benzene	5.771	78	400718	4.687	ug/L	100
34) Trichloroethene	6.539	95	94534	4.582	ug/L	99
35) Methylcyclohexane	6.761	83	116859	4.097	ug/L	98
37) 1,2-Dichloropropane	6.790	63	110049	5.005	ug/L	99
38) Bromodichloromethane	7.105	83	140097	5.216	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	142024	5.035	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	597939	54.217	ug/L	99
42) Toluene	7.967	91	432475	4.926	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	125389	5.319	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	85523	5.308	ug/L	98
47) Tetrachloroethene	8.552	164	72548	4.592	ug/L	96
48) 2-Hexanone	8.681	43	441959	54.139	ug/L	98
49) Dibromochloromethane	8.809	129	97927	5.320	ug/L	96
50) 1,2-Dibromoethane	8.922	107	74904	5.153	ug/L	96
51) Chlorobenzene	9.446	112	276024	4.995	ug/L	98
52) Ethylbenzene	9.568	91	412035	4.864	ug/L	98
53) m,p-Xylene	9.693	106	164029	4.985	ug/L	100
54) o-Xylene	10.098	106	166000	5.162	ug/L	97
55) Styrene	10.111	104	292439	5.440	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	109831	5.497	ug/L	97
59) Bromoform	10.288	173	55299	5.492	ug/L	99
60) Isopropylbenzene	10.481	105	411833	5.177	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	76291	5.414	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	106533	4.975	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	310539	5.029	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	212111	5.356	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	207739	5.232	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	209517	5.431	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	15915	5.485	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	145890	5.168	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	111300	5.136	ug/L	98
71) Naphthalene	14.085	128	193136	4.774	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	110424	5.046	ug/L	98

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

