

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051853.D
 Acq On : 14 Nov 2022 22:59
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005082

Quant Time: Nov 15 03:07:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 03:00:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	193880	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	199575	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	97194	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56241	3.852	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.912	69	60359	3.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.565	65	25139	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.623	46	199677	37.759	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.520%
24) Chloroform-d	5.063	84	151351	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.700	65	77108	4.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.726	84	287795	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.687	67	96064	4.362	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.896	98	261393	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	8.179	79	32043	4.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.632	63	165426	40.810	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.620%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90465	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	95628	5.361	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	82950	3.912	ug/L	98
3) Chloromethane	1.523	50	104998	3.928	ug/L	99
5) Vinyl chloride	1.604	62	103427	4.040	ug/L	96
6) Bromomethane	1.854	94	50150	4.131	ug/L	98
8) Chloroethane	1.932	64	72972	4.694	ug/L	98
9) Trichlorofluoromethane	2.137	101	126077	4.486	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	79444	4.808	ug/L	98
12) 1,1-Dichloroethene	2.578	96	73971	4.389	ug/L	91
13) Acetone	2.633	43	143713	53.561	ug/L	100
14) Carbon disulfide	2.793	76	178497	3.285	ug/L	100
15) Methyl Acetate	2.951	43	36833	5.243	ug/L	97
16) Methylene chloride	3.044	84	129160	4.678	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	196325	5.080	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	81022	4.479	ug/L	96
19) 1,1-Dichloroethane	3.867	63	172630	5.174	ug/L	98
21) 2-Butanone	4.703	43	234645	55.842	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	98782	4.935	ug/L	99
23) Bromochloromethane	4.973	128	46242	4.941	ug/L	96
25) Chloroform	5.086	83	189009	5.461	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	108356	5.087	ug/L	96
29) 1,1,1-Trichloroethane	5.314	97	135674	5.007	ug/L	99
30) Cyclohexane	5.385	56	95737	3.837	ug/L	99
31) Carbon tetrachloride	5.523	117	112107	4.837	ug/L	99
33) Benzene	5.774	78	386711	4.910	ug/L	100
34) Trichloroethene	6.539	95	91088	4.792	ug/L	98
35) Methylcyclohexane	6.761	83	99538	3.788	ug/L	98
37) 1,2-Dichloropropane	6.790	63	106262	5.246	ug/L	100
38) Bromodichloromethane	7.105	83	131656	5.321	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	125447	4.827	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	579850	57.069	ug/L	99
42) Toluene	7.967	91	410180	5.071	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	113265	5.215	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	81801	5.511	ug/L	99
47) Tetrachloroethene	8.552	164	72973	5.013	ug/L	99
48) 2-Hexanone	8.681	43	428274	56.946	ug/L	98
49) Dibromochloromethane	8.806	129	92028	5.427	ug/L	99
50) 1,2-Dibromoethane	8.922	107	71293	5.323	ug/L	93
51) Chlorobenzene	9.446	112	257758	5.063	ug/L	99
52) Ethylbenzene	9.568	91	384028	4.921	ug/L	99
53) m,p-Xylene	9.690	106	151357	4.993	ug/L	99
54) o-Xylene	10.099	106	152428	5.145	ug/L	100
55) Styrene	10.111	104	269613	5.443	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	107418	5.836	ug/L	99
59) Bromoform	10.288	173	53367	5.943	ug/L	99
60) Isopropylbenzene	10.481	105	383425	5.404	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	73474	5.846	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	92252	4.829	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	270644	4.914	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	198640	5.623	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	192990	5.449	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	193065	5.611	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	14376	5.555	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	127421	5.061	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	95678	4.950	ug/L	97
71) Naphthalene	14.082	128	164109	4.548	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	94920	4.863	ug/L	98

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

