

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053727.D
 Acq On : 14 Apr 2023 20:43
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005150

Quant Time: Apr 15 05:35:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 05:28:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	146983	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	140302	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	76931	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50174	4.962	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.912	69	39163	4.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.562	65	18091	4.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.633	46	87590	37.813	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.620%
24) Chloroform-d	5.060	84	81268	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.697	65	39732	4.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.723	84	162604	4.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.687	67	48324	3.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.896	98	151174	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.176	79	18832	4.050	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.629	63	76877	40.708	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.420%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	38572	3.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	55005	3.974	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	51914	4.922	ug/L	99
3) Chloromethane	1.520	50	53583	5.050	ug/L	100
5) Vinyl chloride	1.604	62	63267	5.288	ug/L	98
6) Bromomethane	1.855	94	32306	4.263	ug/L	99
8) Chloroethane	1.932	64	38140	5.484	ug/L	96
9) Trichlorofluoromethane	2.134	101	90366	5.001	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	47907	5.231	ug/L	94
12) 1,1-Dichloroethene	2.578	96	43350	5.209	ug/L	86
13) Acetone	2.646	43	68000	49.466	ug/L #	54
14) Carbon disulfide	2.790	76	114023	4.668	ug/L	99
15) Methyl Acetate	2.954	43	15470	4.797	ug/L	96
16) Methylene chloride	3.041	84	57264	5.239	ug/L	96
17) Methyl tert-butyl Ether	3.359	73	102828	5.097	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	43175	4.995	ug/L	97
19) 1,1-Dichloroethane	3.864	63	80142	5.033	ug/L	98
21) 2-Butanone	4.710	43	100874	47.258	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	50296	4.319	ug/L	96
23) Bromochloromethane	4.970	128	22696	5.506	ug/L	95
25) Chloroform	5.083	83	88261	5.388	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	51998	5.068	ug/L #	93
29) 1,1,1-Trichloroethane	5.314	97	75338	5.439	ug/L	97
30) Cyclohexane	5.385	56	67370	4.565	ug/L	97
31) Carbon tetrachloride	5.523	117	63781	5.442	ug/L	100
33) Benzene	5.771	78	189134	5.031	ug/L	100
34) Trichloroethene	6.539	95	53027	5.297	ug/L	93
35) Methylcyclohexane	6.761	83	76284	4.441	ug/L	97
37) 1,2-Dichloropropane	6.787	63	47681	4.804	ug/L	98
38) Bromodichloromethane	7.102	83	56934	5.165	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	69189	4.718	ug/L	97
40) 4-Methyl-2-pentanone	7.787	43	239491	49.305	ug/L	96
42) Toluene	7.967	91	201219	4.899	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	57074	4.784	ug/L	100
45) 1,1,2-Trichloroethane	8.394	97	37944	5.384	ug/L	94
47) Tetrachloroethene	8.549	164	39468	5.366	ug/L	95
48) 2-Hexanone	8.681	43	176231	49.068	ug/L	97
49) Dibromochloromethane	8.806	129	35752	5.130	ug/L	91
50) 1,2-Dibromoethane	8.919	107	35794	5.258	ug/L	100
51) Chlorobenzene	9.443	112	129719	5.007	ug/L	100
52) Ethylbenzene	9.568	91	215007	4.802	ug/L	98
53) m,p-Xylene	9.690	106	83457	4.890	ug/L	97
54) o-Xylene	10.095	106	79987	4.939	ug/L	95
55) Styrene	10.111	104	131799	4.956	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	41432	4.655	ug/L	95
59) Bromoform	10.285	173	20039	5.059	ug/L	98
60) Isopropylbenzene	10.481	105	215575	4.613	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	29602	4.644	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	172997	4.562	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	177339	4.567	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	101367	4.934	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	100866	4.890	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	95853	4.921	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	6202	5.018	ug/L	89
69) 1,3,5-Trichlorobenzene	13.217	180	73041	5.093	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	60513	5.307	ug/L	100
71) Naphthalene	14.082	128	110277	5.133	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	56583	5.685	ug/L	99

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

