

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
 Data File : VU060096.D
 Acq On : 22 Jul 2024 16:21
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005152

Quant Time: Jul 23 06:39:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	116864	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	121769	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64556	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30875	3.797	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.907	69	31638	4.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.560	65	12329	3.884	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.621	46	105343	55.415	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.840%
24) Chloroform-d	5.055	84	81320	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.698	65	40507	5.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.721	84	148326	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	48612	4.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.894	98	136494	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.177	79	16293	4.604	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.627	63	85126	54.208	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.420%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49530	5.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	56266	4.829	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	40770	4.614	ug/L	97
3) Chloromethane	1.518	50	51157	4.793	ug/L	98
5) Vinyl chloride	1.602	62	58353	4.877	ug/L	99
6) Bromomethane	1.853	94	39643	5.089	ug/L	98
8) Chloroethane	1.930	64	38315	4.902	ug/L	96
9) Trichlorofluoromethane	2.133	101	75660	5.014	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49500	5.027	ug/L	99
12) 1,1-Dichloroethene	2.573	96	45051	5.050	ug/L	92
13) Acetone	2.628	43	60558	48.158	ug/L	98
14) Carbon disulfide	2.788	76	125266	4.823	ug/L	99
15) Methyl Acetate	2.949	43	17709	5.726	ug/L	97
16) Methylene chloride	3.039	84	56167	5.136	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	107730	5.296	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	47881	5.160	ug/L	92
19) 1,1-Dichloroethane	3.862	63	89144	5.060	ug/L	98
21) 2-Butanone	4.698	43	104854	52.674	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	54483	5.242	ug/L	98
23) Bromochloromethane	4.968	128	27049	5.355	ug/L	96
25) Chloroform	5.081	83	97636	5.039	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	54948	4.961	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	76933	5.058	ug/L	99
30) Cyclohexane	5.383	56	59496	4.946	ug/L	99
31) Carbon tetrachloride	5.518	117	65199	4.969	ug/L	98
33) Benzene	5.769	78	207415	5.156	ug/L	100
34) Trichloroethene	6.537	95	53432	5.008	ug/L	97
35) Methylcyclohexane	6.756	83	66148	4.730	ug/L	96
37) 1,2-Dichloropropane	6.785	63	55458	5.103	ug/L	99
38) Bromodichloromethane	7.100	83	68026	4.996	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	70540	4.967	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	265669	55.245	ug/L	98
42) Toluene	7.965	91	225601	5.270	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	58772	4.954	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	44078	5.308	ug/L	99
47) Tetrachloroethene	8.550	164	45309	5.136	ug/L	97
48) 2-Hexanone	8.679	43	200234	56.869	ug/L	97
49) Dibromochloromethane	8.804	129	48754	5.307	ug/L	99
50) 1,2-Dibromoethane	8.920	107	40416	5.383	ug/L	98
51) Chlorobenzene	9.441	112	143986	5.148	ug/L	98
52) Ethylbenzene	9.566	91	216674	5.075	ug/L	99
53) m,p-Xylene	9.692	106	83797	5.081	ug/L	95
54) o-Xylene	10.097	106	81693	5.179	ug/L	94
55) Styrene	10.110	104	144532	5.384	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	53950	5.311	ug/L	96
59) Bromoform	10.287	173	30584	5.213	ug/L	99
60) Isopropylbenzene	10.479	105	217960	5.162	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	36354	5.341	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	160539	4.976	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	157027	5.037	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	114745	5.050	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	114278	4.941	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	109306	5.026	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	7245	5.462	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	82936	4.837	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	62445	4.785	ug/L	98
71) Naphthalene	14.084	128	88561	4.789	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	59955	5.108	ug/L	99

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

