

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U041824\
 Data File : VU058761.D
 Acq On : 18 Apr 2024 15:34
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005088

Quant Time: Apr 19 06:56:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 18 05:04:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68131	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32432	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15257	3.382	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.908	69	12376	3.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.200%#
11) 1,1-Dichloroethene-d2	2.560	65	8263	4.047	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.624	46	42295	44.494	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.980%
24) Chloroform-d	5.052	84	42136	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.692	65	20725	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.718	84	74725	4.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.682	67	22990	4.184	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.891	98	66387	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.174	79	8717	5.111	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.628	63	29778	42.332	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.660%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	16008	4.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	22965	4.204	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	36666	6.456	ug/L	100
3) Chloromethane	1.512	50	29123	4.190	ug/L	99
5) Vinyl chloride	1.599	62	28915	4.166	ug/L	98
6) Bromomethane	1.853	94	16143	4.916	ug/L	98
8) Chloroethane	1.927	64	16211	3.697	ug/L	100
9) Trichlorofluoromethane	2.133	101	45857	5.003	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27318	5.016	ug/L	98
12) 1,1-Dichloroethene	2.573	96	24386	5.051	ug/L	93
13) Acetone	2.641	43	31682	39.049	ug/L	98
14) Carbon disulfide	2.785	76	82994	5.411	ug/L	99
15) Methyl Acetate	2.949	43	8135	4.250	ug/L	95
16) Methylene chloride	3.036	84	26382	4.117	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	55358	4.854	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	25559	5.051	ug/L	99
19) 1,1-Dichloroethane	3.856	63	52025	4.710	ug/L	98
21) 2-Butanone	4.705	43	47442	39.122	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	27778	4.888	ug/L	97
23) Bromochloromethane	4.962	128	10754	4.803	ug/L	94
25) Chloroform	5.075	83	54098	5.060	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	33316	5.118	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	47388	5.431	ug/L	98
30) Cyclohexane	5.380	56	44931	4.876	ug/L	94
31) Carbon tetrachloride	5.515	117	42292	5.724	ug/L	99
33) Benzene	5.766	78	111294	4.718	ug/L	100
34) Trichloroethene	6.534	95	30392	5.111	ug/L	96
35) Methylcyclohexane	6.753	83	46500	5.190	ug/L	98
37) 1,2-Dichloropropane	6.782	63	29010	4.674	ug/L	100
38) Bromodichloromethane	7.097	83	35216	4.971	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	40443	5.125	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	129182	44.221	ug/L	97
42) Toluene	7.962	91	118965	4.808	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	31735	5.099	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	17368	4.791	ug/L	94
47) Tetrachloroethene	8.547	164	21816	5.005	ug/L	98
48) 2-Hexanone	8.679	43	88846	42.841	ug/L	96
49) Dibromochloromethane	8.801	129	19995	4.771	ug/L	96
50) 1,2-Dibromoethane	8.917	107	15579	4.700	ug/L	95
51) Chlorobenzene	9.438	112	70494	4.709	ug/L	96
52) Ethylbenzene	9.563	91	131338	5.010	ug/L	100
53) m,p-Xylene	9.685	106	48542	5.172	ug/L	100
54) o-Xylene	10.094	106	45333	4.926	ug/L	97
55) Styrene	10.107	104	76449	5.164	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	19318	4.321	ug/L	99
59) Bromoform	10.283	173	10547	4.867	ug/L	98
60) Isopropylbenzene	10.476	105	127224	5.358	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	14030	4.240	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	106768	5.514	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	101851	5.152	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	54279	4.706	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	53140	4.729	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	47505	4.528	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	2739	4.881	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	40043	4.695	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	27308	4.152	ug/L	99
71) Naphthalene	14.081	128	32578	3.615	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	21764	4.007	ug/L	98

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

