

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042224\
 Data File : VU058773.D
 Acq On : 22 Apr 2024 18:06
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005089

Quant Time: Apr 23 00:11:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 22 23:57:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	100460	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	95063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46445	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	37301	4.720	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.904	69	27014	4.537	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.557	65	19478	4.896	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.621	46	69273	49.896	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.800%
24) Chloroform-d	5.052	84	80411	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.692	65	38395	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.717	84	152231	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.679	67	45518	5.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.891	98	137764	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.171	79	16431	5.000	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.624	63	51116	52.498	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.000%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	27862	5.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	42735	5.279	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	53995	4.908	ug/L	100
3) Chloromethane	1.512	50	40638	4.718	ug/L	98
5) Vinyl chloride	1.595	62	41527	4.753	ug/L	100
6) Bromomethane	1.849	94	24306	4.700	ug/L	94
8) Chloroethane	1.923	64	22946	4.662	ug/L	100
9) Trichlorofluoromethane	2.129	101	66069	4.831	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	40833	5.009	ug/L	100
12) 1,1-Dichloroethene	2.570	96	36151	4.941	ug/L	98
13) Acetone	2.634	43	44202	46.065	ug/L	98
14) Carbon disulfide	2.782	76	121168	4.869	ug/L	99
15) Methyl Acetate	2.946	43	12219	5.311	ug/L	97
16) Methylene chloride	3.033	84	39001	4.954	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	81882	4.944	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	37342	5.096	ug/L	97
19) 1,1-Dichloroethane	3.856	63	77831	5.015	ug/L	99
21) 2-Butanone	4.701	43	70414	46.666	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	41267	5.126	ug/L	91
23) Bromochloromethane	4.962	128	15627	4.958	ug/L	100
25) Chloroform	5.074	83	80208	4.972	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	48480	5.024	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	71841	5.063	ug/L	99
30) Cyclohexane	5.377	56	67313	5.026	ug/L	98
31) Carbon tetrachloride	5.512	117	63052	5.028	ug/L	98
33) Benzene	5.762	78	167199	5.084	ug/L	100
34) Trichloroethene	6.534	95	46184	5.161	ug/L	99
35) Methylcyclohexane	6.753	83	66944	4.922	ug/L	99
37) 1,2-Dichloropropane	6.779	63	42466	4.943	ug/L	100
38) Bromodichloromethane	7.097	83	53488	5.026	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	58944	4.956	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	188985	49.838	ug/L	99
42) Toluene	7.962	91	173645	5.108	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	46143	5.039	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	25421	5.143	ug/L	99
47) Tetrachloroethene	8.547	164	31559	5.025	ug/L	99
48) 2-Hexanone	8.676	43	132216	49.083	ug/L	100
49) Dibromochloromethane	8.801	129	28869	4.986	ug/L	90
50) 1,2-Dibromoethane	8.917	107	22973	5.051	ug/L	94
51) Chlorobenzene	9.441	112	103483	4.997	ug/L	97
52) Ethylbenzene	9.563	91	190362	5.078	ug/L	99
53) m,p-Xylene	9.685	106	69462	5.045	ug/L	97
54) o-Xylene	10.094	106	67588	5.178	ug/L	93
55) Styrene	10.106	104	112864	5.307	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	28485	4.944	ug/L	95
59) Bromoform	10.283	173	15460	4.753	ug/L	98
60) Isopropylbenzene	10.476	105	186291	5.056	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	20677	4.891	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	152428	4.971	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	149189	5.143	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	78021	4.913	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	76398	4.931	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	69366	5.046	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	4110	5.626	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	54739	4.819	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	38385	4.861	ug/L	100
71) Naphthalene	14.084	128	42968	4.497	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	31233	4.990	ug/L	98

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

