

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U041524\
 Data File : VU058701.D
 Acq On : 15 Apr 2024 19:40
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005082

Quant Time: Apr 16 00:43:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:38:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67216	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66043	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32730	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20386	4.581	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.904	69	22019	5.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.800%
11) 1,1-Dichloroethene-d2	2.557	65	9704	4.818	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	4.615	46	63759	67.987	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.980%#
24) Chloroform-d	5.052	84	54343	6.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.400%
26) 1,2-Dichloroethane-d4	5.692	65	26191	6.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.400%
32) Benzene-d6	5.717	84	98667	5.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
36) 1,2-Dichloropropane-d6	6.682	67	33187	5.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.000%
41) Toluene-d8	7.891	98	85571	5.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
43) trans-1,3-Dichloroprop...	8.174	79	9591	5.541	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.800%
46) 2-Hexanone-d5	8.627	63	46578	65.244	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.480%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	23016	5.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	28179	5.112	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	23612	4.214	ug/L	96
3) Chloromethane	1.515	50	29790	4.345	ug/L	98
5) Vinyl chloride	1.599	62	30925	4.516	ug/L	99
6) Bromomethane	1.849	94	15035	4.641	ug/L	99
8) Chloroethane	1.927	64	21181	4.896	ug/L	99
9) Trichlorofluoromethane	2.132	101	42866	4.740	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26052	4.849	ug/L	97
12) 1,1-Dichloroethene	2.573	96	22463	4.716	ug/L	95
13) Acetone	2.618	43	34648	43.287	ug/L	99
14) Carbon disulfide	2.785	76	65482	4.328	ug/L	99
15) Methyl Acetate	2.943	43	10105	5.350	ug/L	94
16) Methylene chloride	3.033	84	28441	4.499	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	54977	4.886	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	24355	4.878	ug/L	95
19) 1,1-Dichloroethane	3.856	63	57380	5.266	ug/L	99
21) 2-Butanone	4.695	43	58788	49.138	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	27832	4.964	ug/L	95
23) Bromochloromethane	4.965	128	11390	5.156	ug/L	93
25) Chloroform	5.078	83	56537	5.360	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	34326	5.345	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	44890	5.070	ug/L	99
30) Cyclohexane	5.377	56	40842	4.367	ug/L	100
31) Carbon tetrachloride	5.515	117	37658	5.022	ug/L	99
33) Benzene	5.766	78	118727	4.959	ug/L	100
34) Trichloroethene	6.534	95	28196	4.672	ug/L	99
35) Methylcyclohexane	6.756	83	39590	4.354	ug/L	96
37) 1,2-Dichloropropane	6.782	63	34029	5.403	ug/L	100
38) Bromodichloromethane	7.097	83	37935	5.277	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	39528	4.935	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	154294	52.043	ug/L	97
42) Toluene	7.962	91	121724	4.848	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	31979	5.063	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	18915	5.142	ug/L	98
47) Tetrachloroethene	8.547	164	19967	4.513	ug/L	98
48) 2-Hexanone	8.679	43	113444	53.900	ug/L	96
49) Dibromochloromethane	8.801	129	21873	5.143	ug/L	96
50) 1,2-Dibromoethane	8.917	107	16761	4.982	ug/L	99
51) Chlorobenzene	9.441	112	73496	4.837	ug/L	99
52) Ethylbenzene	9.563	91	128216	4.820	ug/L	100
53) m,p-Xylene	9.688	106	46385	4.869	ug/L	100
54) o-Xylene	10.093	106	44578	4.773	ug/L	96
55) Styrene	10.110	104	75923	5.053	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	24031	5.296	ug/L	96
59) Bromoform	10.283	173	11365	5.197	ug/L	99
60) Isopropylbenzene	10.476	105	116645	4.868	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	16950	5.076	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	90339	4.623	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	94302	4.726	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	56068	4.817	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	52964	4.671	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	49709	4.695	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	3211	5.670	ug/L	83
69) 1,3,5-Trichlorobenzene	13.216	180	37181	4.320	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	25458	3.836	ug/L	97
71) Naphthalene	14.084	128	28554	3.140	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	21488	3.921	ug/L	99

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

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