

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032524\
 Data File : VU058219.D
 Acq On : 25 Mar 2024 19:00
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005166

Quant Time: Mar 26 01:43:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 26 01:41:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69836	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67657	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23501	3.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.908	69	21928	4.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.560	65	9973	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.624	46	54672	52.145	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.300%
24) Chloroform-d	5.052	84	48997	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.692	65	23364	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.718	84	95106	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.682	67	29822	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.891	98	84915	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.174	79	9230	4.448	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.628	63	42220	50.238	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.480%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20612	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	28175	4.457	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	14028	4.877	ug/L	98
3) Chloromethane	1.515	50	17421	4.751	ug/L	96
5) Vinyl chloride	1.599	62	20185	5.042	ug/L	98
6) Bromomethane	1.853	94	11436	5.326	ug/L	100
8) Chloroethane	1.930	64	14699	5.567	ug/L	97
9) Trichlorofluoromethane	2.133	101	32994	5.071	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	20885	5.001	ug/L	99
12) 1,1-Dichloroethene	2.573	96	17390	4.967	ug/L	94
13) Acetone	2.637	43	33321	49.106	ug/L	98
14) Carbon disulfide	2.785	76	37560	4.802	ug/L	98
15) Methyl Acetate	2.949	43	6684	4.745	ug/L	93
16) Methylene chloride	3.036	84	23388	4.714	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	46836	4.985	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	18307	5.003	ug/L	99
19) 1,1-Dichloroethane	3.859	63	42779	5.204	ug/L	98
21) 2-Butanone	4.705	43	50451	48.939	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	22227	4.916	ug/L	99
23) Bromochloromethane	4.965	128	9245	5.480	ug/L	96
25) Chloroform	5.078	83	43906	5.093	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	24731	5.053	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	35212	5.034	ug/L	98
30) Cyclohexane	5.380	56	28362	4.642	ug/L	98
31) Carbon tetrachloride	5.515	117	28742	4.827	ug/L	100
33) Benzene	5.766	78	89111	5.015	ug/L	100
34) Trichloroethene	6.534	95	23130	4.996	ug/L	97
35) Methylcyclohexane	6.753	83	30231	4.682	ug/L	99
37) 1,2-Dichloropropane	6.782	63	25138	5.064	ug/L	100
38) Bromodichloromethane	7.097	83	29582	5.199	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	32499	5.162	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	124779	49.712	ug/L	98
42) Toluene	7.962	91	95445	5.084	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	25112	5.069	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	15871	5.076	ug/L	96
47) Tetrachloroethene	8.547	164	15792	5.093	ug/L	99
48) 2-Hexanone	8.676	43	90085	49.283	ug/L	94
49) Dibromochloromethane	8.801	129	17972	5.253	ug/L	99
50) 1,2-Dibromoethane	8.917	107	13299	4.941	ug/L	99
51) Chlorobenzene	9.441	112	60253	4.981	ug/L	97
52) Ethylbenzene	9.563	91	103085	4.917	ug/L	99
53) m,p-Xylene	9.689	106	38134	5.105	ug/L	94
54) o-Xylene	10.094	106	37279	4.944	ug/L	96
55) Styrene	10.107	104	61216	5.142	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	19122	5.189	ug/L	99
59) Bromoform	10.283	173	9356	5.247	ug/L	95
60) Isopropylbenzene	10.476	105	96824	4.747	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	13896	4.888	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	79750	4.659	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	79318	4.666	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	45510	4.791	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	44302	4.826	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	42080	4.791	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	2484	5.794	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	32198	4.848	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	23319	4.707	ug/L	97
71) Naphthalene	14.084	128	28761	4.263	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	19452	4.795	ug/L	100

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

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