

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058234.D
 Acq On : 28 Mar 2024 12:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005169

Quant Time: Mar 29 01:05:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 28 04:46:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68258	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65057	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31127	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22463	3.894	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.907	69	22140	4.702	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.560	65	9607	4.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.628	46	55200	53.866	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.740%
24) Chloroform-d	5.055	84	50174	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.695	65	23729	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.721	84	94100	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.682	67	29976	4.813	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.891	98	81224	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.174	79	8653	4.336	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.627	63	40147	49.680	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.360%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20566	5.069	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	26731	4.612	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	12480	4.439	ug/L	100
3) Chloromethane	1.515	50	15183	4.237	ug/L	99
5) Vinyl chloride	1.599	62	17491	4.470	ug/L	99
6) Bromomethane	1.856	94	10127	4.825	ug/L	96
8) Chloroethane	1.930	64	13816	5.354	ug/L	99
9) Trichlorofluoromethane	2.136	101	30663	4.821	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	19370	4.746	ug/L	95
12) 1,1-Dichloroethene	2.576	96	15837	4.628	ug/L	88
13) Acetone	2.647	43	30026	45.273	ug/L	100
14) Carbon disulfide	2.788	76	30798	4.028	ug/L	100
15) Methyl Acetate	2.956	43	6587	4.785	ug/L	96
16) Methylene chloride	3.039	84	23336	4.812	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	43338	4.719	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	16718	4.675	ug/L	97
19) 1,1-Dichloroethane	3.862	63	40767	5.074	ug/L	99
21) 2-Butanone	4.708	43	45779	45.434	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	21341	4.829	ug/L	99
23) Bromochloromethane	4.968	128	8581	5.204	ug/L	97
25) Chloroform	5.078	83	42462	5.039	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	24334	5.086	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	33028	4.910	ug/L	98
30) Cyclohexane	5.380	56	25109	4.274	ug/L	98
31) Carbon tetrachloride	5.518	117	27906	4.873	ug/L	98
33) Benzene	5.769	78	82717	4.841	ug/L	100
34) Trichloroethene	6.537	95	21150	4.751	ug/L	98
35) Methylcyclohexane	6.756	83	26158	4.213	ug/L	99
37) 1,2-Dichloropropane	6.782	63	23001	4.819	ug/L	99
38) Bromodichloromethane	7.097	83	28523	5.213	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	27859	4.602	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	118517	49.104	ug/L	98
42) Toluene	7.962	91	86433	4.787	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	22293	4.680	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	15210	5.059	ug/L	95
47) Tetrachloroethene	8.547	164	14335	4.808	ug/L	97
48) 2-Hexanone	8.679	43	83106	47.282	ug/L	98
49) Dibromochloromethane	8.804	129	17201	5.229	ug/L	95
50) 1,2-Dibromoethane	8.917	107	12904	4.986	ug/L	100
51) Chlorobenzene	9.441	112	56434	4.852	ug/L	100
52) Ethylbenzene	9.563	91	95236	4.724	ug/L	97
53) m,p-Xylene	9.688	106	34690	4.830	ug/L	99
54) o-Xylene	10.094	106	34820	4.802	ug/L	100
55) Styrene	10.110	104	56976	4.977	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	17804	5.024	ug/L	99
59) Bromoform	10.287	173	8906	5.448	ug/L	92
60) Isopropylbenzene	10.479	105	90833	4.857	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	12742	4.888	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	74706	4.760	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	73982	4.747	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	43769	5.026	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	41176	4.892	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	39723	4.932	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	2415	6.144	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	29850	4.902	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	21141	4.654	ug/L	96
71) Naphthalene	14.084	128	25554	4.131	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	17739	4.770	ug/L	99

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

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