

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058028.D
 Acq On : 08 Mar 2024 19:30
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

Quant Time: Mar 09 00:16:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144063	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135835	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	67799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	41896	4.042	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.904	69	37286	4.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.557	65	19547	4.358	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.612	46	95943	56.178	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.360%
24) Chloroform-d	5.052	84	94995	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.692	65	44549	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.718	84	183048	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.682	67	57658	4.791	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	163517	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	19115	4.619	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.624	63	80484	57.927	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.860%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38950	5.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	54124	4.847	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	42037	4.816	ug/L	99
3) Chloromethane	1.512	50	48810	4.782	ug/L	99
5) Vinyl chloride	1.596	62	52781	4.808	ug/L	99
6) Bromomethane	1.850	94	27423	4.742	ug/L	96
8) Chloroethane	1.924	64	34299	4.961	ug/L	98
9) Trichlorofluoromethane	2.130	101	78580	5.024	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48663	4.977	ug/L	98
12) 1,1-Dichloroethene	2.570	96	43432	4.997	ug/L	93
13) Acetone	2.615	43	57639	45.351	ug/L	97
14) Carbon disulfide	2.785	76	126264	4.698	ug/L	98
15) Methyl Acetate	2.940	43	14381	5.099	ug/L	99
16) Methylene chloride	3.033	84	51747	4.898	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	103241	5.022	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	47604	5.028	ug/L	94
19) 1,1-Dichloroethane	3.856	63	98489	5.215	ug/L	99
21) 2-Butanone	4.692	43	98900	49.385	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	54039	5.188	ug/L	93
23) Bromochloromethane	4.965	128	20113	5.201	ug/L	97
25) Chloroform	5.078	83	100599	5.217	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	56501	5.293	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	82202	5.084	ug/L	100
30) Cyclohexane	5.380	56	76969	4.715	ug/L	99
31) Carbon tetrachloride	5.515	117	71718	5.105	ug/L	99
33) Benzene	5.766	78	214436	5.145	ug/L	100
34) Trichloroethene	6.534	95	55610	5.071	ug/L	98
35) Methylcyclohexane	6.756	83	80195	4.770	ug/L	100
37) 1,2-Dichloropropane	6.782	63	56150	5.224	ug/L	99
38) Bromodichloromethane	7.097	83	65606	5.031	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	73228	4.945	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	260574	52.700	ug/L	99
42) Toluene	7.962	91	219765	5.063	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	55837	4.732	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	33095	5.193	ug/L	98
47) Tetrachloroethene	8.547	164	38572	5.069	ug/L	95
48) 2-Hexanone	8.676	43	181682	50.105	ug/L	98
49) Dibromochloromethane	8.801	129	38687	5.128	ug/L	98
50) 1,2-Dibromoethane	8.917	107	30709	5.429	ug/L	92
51) Chlorobenzene	9.441	112	138185	5.076	ug/L	99
52) Ethylbenzene	9.563	91	245935	5.063	ug/L	100
53) m,p-Xylene	9.689	106	88446	5.096	ug/L	96
54) o-Xylene	10.094	106	87489	5.058	ug/L	100
55) Styrene	10.110	104	142170	5.237	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	38824	5.171	ug/L	96
59) Bromoform	10.287	173	18854	4.986	ug/L	99
60) Isopropylbenzene	10.480	105	224090	4.963	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	27799	5.005	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	187298	4.918	ug/L	100
63) 1,2,4-Trimethylbenzene	11.464	105	189459	5.041	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	103575	5.047	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	98706	4.913	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	91364	5.099	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	5654	5.131	ug/L	97
69) 1,3,5-Trichlorobenzene	13.213	180	72413	4.905	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	56528	5.096	ug/L	98
71) Naphthalene	14.084	128	75455	4.981	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	44864	5.120	ug/L	99

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

