

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031524\
 Data File : VU058119.D
 Acq On : 15 Mar 2024 10:45
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005155

Quant Time: Mar 15 23:30:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 14 04:37:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	131773	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	122405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57166	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	50947	5.374	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.400%
7) Chloroethane-d5	1.904	69	43551	5.589	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.557	65	22385	5.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.200%
20) 2-Butanone-d5	4.611	46	89050	57.005	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.020%
24) Chloroform-d	5.052	84	98134	5.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	5.695	65	44346	5.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	5.721	84	194768	5.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	6.682	67	59132	5.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.894	98	172272	5.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	8.177	79	17255	4.627	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.627	63	74441	59.456	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.920%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	36715	5.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	51360	5.455	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	38667	4.843	ug/L	97
3) Chloromethane	1.512	50	45822	4.908	ug/L	100
5) Vinyl chloride	1.599	62	49870	4.966	ug/L	96
6) Bromomethane	1.849	94	27377	5.176	ug/L	100
8) Chloroethane	1.923	64	32821	5.190	ug/L	98
9) Trichlorofluoromethane	2.129	101	75421	5.272	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48117	5.380	ug/L	98
12) 1,1-Dichloroethene	2.570	96	39496	4.968	ug/L	94
13) Acetone	2.615	43	62966	54.163	ug/L	97
14) Carbon disulfide	2.785	76	101989	4.148	ug/L	99
15) Methyl Acetate	2.943	43	14824	5.746	ug/L	97
16) Methylene chloride	3.033	84	47958	4.963	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	99935	5.315	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	43272	4.997	ug/L	94
19) 1,1-Dichloroethane	3.856	63	94538	5.472	ug/L	99
21) 2-Butanone	4.692	43	97210	53.068	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	50719	5.324	ug/L	97
23) Bromochloromethane	4.965	128	19688	5.565	ug/L	98
25) Chloroform	5.078	83	96287	5.459	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	53978	5.528	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	77680	5.332	ug/L	99
30) Cyclohexane	5.380	56	71192	4.839	ug/L	99
31) Carbon tetrachloride	5.515	117	63881	5.046	ug/L	99
33) Benzene	5.766	78	203558	5.419	ug/L	100
34) Trichloroethene	6.537	95	52702	5.333	ug/L	98
35) Methylcyclohexane	6.756	83	74240	4.900	ug/L	99
37) 1,2-Dichloropropane	6.782	63	55370	5.717	ug/L	98
38) Bromodichloromethane	7.097	83	60627	5.159	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	67421	5.052	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	250801	56.289	ug/L	99
42) Toluene	7.965	91	214553	5.485	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	53162	4.999	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	32771	5.706	ug/L	94
47) Tetrachloroethene	8.550	164	35300	5.148	ug/L	97
48) 2-Hexanone	8.679	43	180750	55.317	ug/L	100
49) Dibromochloromethane	8.804	129	34747	5.111	ug/L	100
50) 1,2-Dibromoethane	8.920	107	28139	5.521	ug/L #	97
51) Chlorobenzene	9.441	112	129772	5.290	ug/L	98
52) Ethylbenzene	9.566	91	231349	5.285	ug/L	98
53) m,p-Xylene	9.688	106	82859	5.298	ug/L	98
54) o-Xylene	10.094	106	82454	5.290	ug/L	99
55) Styrene	10.110	104	133983	5.477	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	37457	5.537	ug/L	97
59) Bromoform	10.286	173	16388	5.140	ug/L	98
60) Isopropylbenzene	10.479	105	211451	5.554	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	27893	5.957	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	177593	5.531	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	176981	5.584	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	95943	5.544	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	91450	5.399	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	86992	5.758	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	4707	5.066	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	67419	5.416	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	48669	5.204	ug/L	99
71) Naphthalene	14.084	128	63104	4.940	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	39781	5.385	ug/L	98

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

