

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031224\
 Data File : VU058069.D
 Acq On : 12 Mar 2024 18:52
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005150

Quant Time: Mar 13 02:04:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 13 01:58:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	138313	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32316	3.247	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.904	69	32458	3.968	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.560	65	15918	3.696	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.608	46	92525	56.429	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.860%
24) Chloroform-d	5.052	84	90529	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.692	65	41788	4.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.718	84	164405	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.682	67	52406	4.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.891	98	145009	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.174	79	17099	4.208	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.624	63	78888	57.830	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.660%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38493	5.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	51207	4.640	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	39639	4.730	ug/L	99
3) Chloromethane	1.515	50	46943	4.790	ug/L	98
5) Vinyl chloride	1.599	62	52029	4.936	ug/L	98
6) Bromomethane	1.850	94	27759	5.000	ug/L	99
8) Chloroethane	1.927	64	34270	5.163	ug/L	95
9) Trichlorofluoromethane	2.133	101	77305	5.148	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48197	5.134	ug/L	100
12) 1,1-Dichloroethene	2.573	96	43700	5.236	ug/L	80
13) Acetone	2.612	43	62966	51.602	ug/L	100
14) Carbon disulfide	2.785	76	118029	4.574	ug/L	99
15) Methyl Acetate	2.943	43	14594	5.389	ug/L	97
16) Methylene chloride	3.036	84	50066	4.936	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	103579	5.248	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	45964	5.056	ug/L	95
19) 1,1-Dichloroethane	3.859	63	97323	5.367	ug/L	99
21) 2-Butanone	4.689	43	100277	52.154	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	52998	5.300	ug/L	97
23) Bromochloromethane	4.965	128	20791	5.599	ug/L	97
25) Chloroform	5.078	83	99835	5.393	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031224\
 Data File : VU058069.D
 Acq On : 12 Mar 2024 18:52
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005150

Quant Time: Mar 13 02:04:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 13 01:58:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	56535	5.516	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	82633	5.206	ug/L	100
30) Cyclohexane	5.380	56	75023	4.681	ug/L	100
31) Carbon tetrachloride	5.515	117	69399	5.031	ug/L	98
33) Benzene	5.766	78	209379	5.116	ug/L	100
34) Trichloroethene	6.534	95	55490	5.153	ug/L	96
35) Methylcyclohexane	6.756	83	77063	4.669	ug/L	99
37) 1,2-Dichloropropane	6.782	63	55408	5.251	ug/L #	97
38) Bromodichloromethane	7.097	83	66038	5.158	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	72845	5.010	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	259406	53.436	ug/L	99
42) Toluene	7.962	91	220745	5.180	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	56708	4.894	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	34138	5.456	ug/L	97
47) Tetrachloroethene	8.547	164	37938	5.078	ug/L	99
48) 2-Hexanone	8.676	43	183228	51.467	ug/L	99
49) Dibromochloromethane	8.801	129	39305	5.307	ug/L	100
50) 1,2-Dibromoethane	8.917	107	30269	5.451	ug/L	99
51) Chlorobenzene	9.441	112	137543	5.146	ug/L	98
52) Ethylbenzene	9.563	91	243023	5.096	ug/L	100
53) m,p-Xylene	9.689	106	87815	5.154	ug/L	99
54) o-Xylene	10.094	106	86033	5.066	ug/L	98
55) Styrene	10.110	104	140756	5.281	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	39285	5.330	ug/L	97
59) Bromoform	10.283	173	19521	5.223	ug/L	97
60) Isopropylbenzene	10.476	105	223796	5.015	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	29178	5.316	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	186371	4.951	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	186498	5.020	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	103010	5.078	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	100197	5.046	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	93686	5.290	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	5480	5.032	ug/L	99
69) 1,3,5-Trichlorobenzene	13.213	180	70664	4.843	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	53416	4.872	ug/L	97
71) Naphthalene	14.084	128	65668	4.386	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	41676	4.812	ug/L	99

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

