

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060147.D
 Acq On : 24 Jul 2024 05:37
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005155

Quant Time: Jul 24 06:01:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 05:34:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	123738	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	126855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32311	3.753	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.911	69	32562	4.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.560	65	13296	3.956	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.631	46	83743	41.605	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.220%
24) Chloroform-d	5.055	84	85440	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	41054	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.721	84	158856	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.682	67	53265	4.918	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.891	98	147818	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.174	79	13698	3.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.627	63	91465	55.909	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.820%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52402	5.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	60669	4.902	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	43801	4.681	ug/L	96
3) Chloromethane	1.515	50	49693	4.397	ug/L	96
5) Vinyl chloride	1.599	62	59765	4.717	ug/L	100
6) Bromomethane	1.853	94	36707	4.450	ug/L	96
8) Chloroethane	1.930	64	37295	4.507	ug/L	99
9) Trichlorofluoromethane	2.132	101	76500	4.788	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48700	4.671	ug/L	98
12) 1,1-Dichloroethene	2.573	96	45736	4.842	ug/L	91
13) Acetone	2.647	43	64367	48.343	ug/L	98
14) Carbon disulfide	2.788	76	123427	4.488	ug/L	99
15) Methyl Acetate	2.959	43	17082	5.216	ug/L	96
16) Methylene chloride	3.039	84	63979	5.525	ug/L	93
17) Methyl tert-butyl Ether	3.358	73	111337	5.169	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	47725	4.858	ug/L	95
19) 1,1-Dichloroethane	3.859	63	89940	4.821	ug/L	98
21) 2-Butanone	4.711	43	76670	36.376	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	56662	5.149	ug/L	94
23) Bromochloromethane	4.968	128	27197	5.085	ug/L	96
25) Chloroform	5.078	83	97342	4.745	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060147.D
 Acq On : 24 Jul 2024 05:37
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005155

Quant Time: Jul 24 06:01:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 05:34:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	56178	4.791	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	77715	4.905	ug/L	99
30) Cyclohexane	5.383	56	61966	4.945	ug/L	100
31) Carbon tetrachloride	5.518	117	66455	4.862	ug/L	99
33) Benzene	5.766	78	209385	4.996	ug/L	100
34) Trichloroethene	6.534	95	56237	5.060	ug/L	98
35) Methylcyclohexane	6.756	83	68110	4.675	ug/L	99
37) 1,2-Dichloropropane	6.782	63	54974	4.856	ug/L	99
38) Bromodichloromethane	7.097	83	68542	4.832	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	55331	3.740	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	260838	52.066	ug/L	96
42) Toluene	7.962	91	229324	5.142	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	45025	3.643	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	43952	5.081	ug/L	98
47) Tetrachloroethene	8.547	164	44630	4.857	ug/L	99
48) 2-Hexanone	8.679	43	189943	51.783	ug/L	99
49) Dibromochloromethane	8.804	129	47952	5.011	ug/L	100
50) 1,2-Dibromoethane	8.917	107	40669	5.199	ug/L	97
51) Chlorobenzene	9.441	112	148461	5.096	ug/L	98
52) Ethylbenzene	9.566	91	228885	5.146	ug/L	100
53) m,p-Xylene	9.688	106	83285	4.847	ug/L	95
54) o-Xylene	10.094	106	87275	5.312	ug/L	99
55) Styrene	10.110	104	147337	5.268	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	53505	5.056	ug/L	99
59) Bromoform	10.283	173	31958	5.129	ug/L	98
60) Isopropylbenzene	10.479	105	226553	5.052	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	36772	5.087	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	172871	5.045	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	145718	4.401	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	120724	5.003	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	121017	4.927	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	115930	5.019	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7437	5.279	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	85884	4.716	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	68834	4.966	ug/L	99
71) Naphthalene	14.081	128	100226	5.104	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	65684	5.269	ug/L	100

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

