

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
 Data File : VU060245.D
 Acq On : 29 Jul 2024 10:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005160

Quant Time: Jul 30 04:19:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 26 23:14:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	137003	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	142373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70123	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43639	4.578	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.907	69	43091	4.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.560	65	17353	4.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.621	46	149112	66.909	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.820%#
24) Chloroform-d	5.055	84	108873	5.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	5.695	65	51363	5.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.721	84	192043	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.682	67	69554	5.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.400%
41) Toluene-d8	7.891	98	163481	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.174	79	22017	5.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.400%
46) 2-Hexanone-d5	8.627	63	110161	59.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	64441	5.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	66148	5.226	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	48147	4.648	ug/L	98
3) Chloromethane	1.515	50	63500	5.075	ug/L	100
5) Vinyl chloride	1.602	62	72376	5.159	ug/L	97
6) Bromomethane	1.853	94	44138	4.833	ug/L	98
8) Chloroethane	1.930	64	47124	5.143	ug/L	98
9) Trichlorofluoromethane	2.132	101	90204	5.099	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	59385	5.144	ug/L	95
12) 1,1-Dichloroethene	2.573	96	52652	5.035	ug/L	96
13) Acetone	2.634	43	91831	62.292	ug/L	95
14) Carbon disulfide	2.788	76	146110	4.799	ug/L	97
15) Methyl Acetate	2.952	43	22306	6.152	ug/L	89
16) Methylene chloride	3.039	84	65646	5.120	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	126375	5.299	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	54406	5.002	ug/L	91
19) 1,1-Dichloroethane	3.859	63	114775	5.557	ug/L	97
21) 2-Butanone	4.702	43	143215	61.369	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	64570	5.300	ug/L	95
23) Bromochloromethane	4.968	128	28568	4.825	ug/L	85
25) Chloroform	5.081	83	121073	5.330	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
 Data File : VU060245.D
 Acq On : 29 Jul 2024 10:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005160

Quant Time: Jul 30 04:19:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 26 23:14:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	66403	5.114	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	91756	5.160	ug/L	96
30) Cyclohexane	5.380	56	79001	5.617	ug/L	92
31) Carbon tetrachloride	5.518	117	79832	5.204	ug/L	98
33) Benzene	5.769	78	259057	5.508	ug/L	100
34) Trichloroethene	6.537	95	64913	5.204	ug/L	95
35) Methylcyclohexane	6.756	83	86343	5.280	ug/L	93
37) 1,2-Dichloropropane	6.785	63	71344	5.615	ug/L	99
38) Bromodichloromethane	7.100	83	83622	5.253	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	91635	5.519	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	339624	60.404	ug/L	98
42) Toluene	7.962	91	273574	5.466	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	74366	5.361	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	50269	5.177	ug/L	99
47) Tetrachloroethene	8.547	164	47315	4.588	ug/L	93
48) 2-Hexanone	8.679	43	260082	63.176	ug/L	97
49) Dibromochloromethane	8.804	129	52625	4.900	ug/L	97
50) 1,2-Dibromoethane	8.917	107	43751	4.984	ug/L #	100
51) Chlorobenzene	9.441	112	167690	5.128	ug/L	97
52) Ethylbenzene	9.566	91	274050	5.490	ug/L	98
53) m,p-Xylene	9.688	106	101389	5.258	ug/L	95
54) o-Xylene	10.097	106	99742	5.409	ug/L	93
55) Styrene	10.110	104	175550	5.593	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	63658	5.359	ug/L	95
59) Bromoform	10.283	173	31155	4.889	ug/L	99
60) Isopropylbenzene	10.479	105	268317	5.850	ug/L	97
61) 1,2,3-Trichloropropane	10.817	75	41367	5.595	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	202688	5.784	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	197178	5.823	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	130001	5.268	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	129677	5.162	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	121265	5.133	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.991	75	8418	5.842	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	92844	4.985	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	70806	4.995	ug/L	99
71) Naphthalene	14.084	128	105202	5.238	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	63915	5.013	ug/L	98

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

