

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058837.D
 Acq On : 07 May 2024 10:06
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005098

Quant Time: May 08 04:48:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	66116	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	61384	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30330	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	18265	3.512	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.895	69	14585	3.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.554	65	11066	4.226	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.612	46	44803	49.034	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.060%
24) Chloroform-d	5.052	84	56039	5.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.692	65	27210	5.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.718	84	93585	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.682	67	26297	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.891	98	83782	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.177	79	10359	4.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.627	63	31668	50.369	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.740%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17708	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	27584	5.218	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	39457	5.449	ug/L	100
3) Chloromethane	1.512	50	22729	4.010	ug/L	96
5) Vinyl chloride	1.596	62	24387	4.241	ug/L	100
6) Bromomethane	1.843	94	16836	4.947	ug/L	95
8) Chloroethane	1.917	64	13516	4.173	ug/L	98
9) Trichlorofluoromethane	2.126	101	51968	5.773	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	29086	5.421	ug/L	94
12) 1,1-Dichloroethene	2.567	96	24236	5.033	ug/L	96
13) Acetone	2.615	43	31679	50.164	ug/L	98
14) Carbon disulfide	2.782	76	76634	4.679	ug/L	99
15) Methyl Acetate	2.940	43	6641	4.386	ug/L	93
16) Methylene chloride	3.033	84	26465	5.108	ug/L	87
17) Methyl tert-butyl Ether	3.345	73	56226	5.158	ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	25786	5.347	ug/L	98
19) 1,1-Dichloroethane	3.853	63	52108	5.102	ug/L	98
21) 2-Butanone	4.692	43	45206	45.522	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	28712	5.419	ug/L	91
23) Bromochloromethane	4.965	128	12138	5.852	ug/L	78
25) Chloroform	5.075	83	59240	5.580	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058837.D
 Acq On : 07 May 2024 10:06
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005098

Quant Time: May 08 04:48:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	34897	5.495	ug/L #	95
29) 1,1,1-Trichloroethane	5.306	97	55784	6.089	ug/L	97
30) Cyclohexane	5.377	56	40430	4.675	ug/L	89
31) Carbon tetrachloride	5.515	117	52198	6.446	ug/L	99
33) Benzene	5.763	78	113201	5.330	ug/L	100
34) Trichloroethene	6.534	95	30977	5.360	ug/L	96
35) Methylcyclohexane	6.756	83	45800	5.215	ug/L	95
37) 1,2-Dichloropropane	6.782	63	26227	4.728	ug/L #	96
38) Bromodichloromethane	7.097	83	38519	5.605	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	40406	5.261	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	111228	45.426	ug/L	97
42) Toluene	7.962	91	118974	5.420	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	32711	5.532	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	17358	5.438	ug/L	98
47) Tetrachloroethene	8.547	164	25274	6.232	ug/L	97
48) 2-Hexanone	8.676	43	80586	46.330	ug/L	98
49) Dibromochloromethane	8.804	129	22442	6.003	ug/L	100
50) 1,2-Dibromoethane	8.917	107	15398	5.243	ug/L	91
51) Chlorobenzene	9.441	112	72599	5.429	ug/L	99
52) Ethylbenzene	9.563	91	133501	5.515	ug/L	98
53) m,p-Xylene	9.689	106	50227	5.649	ug/L	100
54) o-Xylene	10.094	106	47413	5.625	ug/L	98
55) Styrene	10.110	104	79090	5.760	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	18624	5.006	ug/L #	98
59) Bromoform	10.283	173	12120	5.706	ug/L	98
60) Isopropylbenzene	10.479	105	136361	5.668	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	14068	5.096	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	114608	5.724	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	109946	5.804	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	57761	5.570	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	57123	5.645	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	49967	5.566	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3050	6.393	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.216	180	43999	5.931	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	29182	5.659	ug/L	98
71) Naphthalene	14.084	128	30764	4.931	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	23505	5.751	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
Data File : VU058837.D
Acq On : 07 May 2024 10:06
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005098

Quant Time: May 08 04:48:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 07 01:07:14 2024
Response via : Initial Calibration

