

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058668.D
 Acq On : 12 Apr 2024 20:56
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005198

Quant Time: Apr 13 00:09:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 23:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70786	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19468	3.994	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.904	69	19662	4.642	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.557	65	9984	4.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.621	46	52381	50.996	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.000%
24) Chloroform-d	5.052	84	49643	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.692	65	22742	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.718	84	90880	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.682	67	29367	4.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.891	98	79746	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.177	79	8785	4.735	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.627	63	29040	37.952	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19951	4.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	25663	4.363	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	24667	4.020	ug/L	100
3) Chloromethane	1.515	50	31150	4.148	ug/L	97
5) Vinyl chloride	1.599	62	32640	4.352	ug/L	100
6) Bromomethane	1.853	94	14575	4.108	ug/L	99
8) Chloroethane	1.927	64	23055	4.866	ug/L	99
9) Trichlorofluoromethane	2.132	101	44249	4.468	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26653	4.529	ug/L	96
12) 1,1-Dichloroethene	2.573	96	22861	4.382	ug/L	93
13) Acetone	2.628	43	36551	41.692	ug/L	100
14) Carbon disulfide	2.785	76	69127	4.171	ug/L	98
15) Methyl Acetate	2.943	43	21703	10.492	ug/L	97
16) Methylene chloride	3.036	84	33557	4.846	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	54951	4.459	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	25090	4.588	ug/L	94
19) 1,1-Dichloroethane	3.859	63	58285	4.883	ug/L	98
21) 2-Butanone	4.698	43	58014	44.273	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	28986	4.720	ug/L	99
23) Bromochloromethane	4.968	128	10933	4.519	ug/L	95
25) Chloroform	5.078	83	56685	4.907	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058668.D
 Acq On : 12 Apr 2024 20:56
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005198

Quant Time: Apr 13 00:09:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 23:43:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	35587	5.059	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	45373	4.781	ug/L	97
30) Cyclohexane	5.380	56	43613	4.351	ug/L	99
31) Carbon tetrachloride	5.515	117	37769	4.699	ug/L	98
33) Benzene	5.766	78	121009	4.716	ug/L	100
34) Trichloroethene	6.534	95	29178	4.511	ug/L	98
35) Methylcyclohexane	6.756	83	41963	4.306	ug/L	97
37) 1,2-Dichloropropane	6.782	63	33654	4.985	ug/L	98
38) Bromodichloromethane	7.097	83	37263	4.836	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	39906	4.649	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	132263	41.623	ug/L	99
42) Toluene	7.962	91	123875	4.603	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	31604	4.668	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	18724	4.749	ug/L	98
47) Tetrachloroethene	8.547	164	20649	4.355	ug/L	98
48) 2-Hexanone	8.679	43	80302	35.597	ug/L	96
49) Dibromochloromethane	8.801	129	21678	4.756	ug/L	99
50) 1,2-Dibromoethane	8.917	107	16507	4.578	ug/L	99
51) Chlorobenzene	9.441	112	74997	4.605	ug/L	99
52) Ethylbenzene	9.563	91	130935	4.592	ug/L	100
53) m,p-Xylene	9.688	106	47132	4.616	ug/L	97
54) o-Xylene	10.094	106	47171	4.712	ug/L	98
55) Styrene	10.110	104	76491	4.750	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	22824	4.693	ug/L	98
59) Bromoform	10.283	173	11319	4.851	ug/L	100
60) Isopropylbenzene	10.476	105	120913	4.729	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	16817	4.719	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	95574	4.584	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	98397	4.622	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	57208	4.606	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	54809	4.530	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	51232	4.535	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	2879	4.764	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	39160	4.264	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	27881	3.937	ug/L	97
71) Naphthalene	14.084	128	33302	3.432	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	23418	4.004	ug/L	99

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

