

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040324\
 Data File : VU058351.D
 Acq On : 03 Apr 2024 09:46
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005177

Quant Time: Apr 04 01:14:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	77536	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24421	3.727	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.907	69	25734	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.557	65	11137	4.094	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.624	46	67268	57.788	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.580%
24) Chloroform-d	5.052	84	57715	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	28295	5.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.717	84	113107	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.682	67	35836	4.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.891	98	98320	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.177	79	10548	4.589	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.630	63	51479	55.308	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.620%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	24387	5.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	32178	4.788	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	11619	3.638	ug/L	99
3) Chloromethane	1.515	50	15061	3.700	ug/L	96
5) Vinyl chloride	1.599	62	18213	4.097	ug/L	99
6) Bromomethane	1.853	94	7290	3.058	ug/L	99
8) Chloroethane	1.930	64	15620	5.328	ug/L	100
9) Trichlorofluoromethane	2.126	101	40370	5.588	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	21722	4.685	ug/L	98
12) 1,1-Dichloroethene	2.570	96	16563	4.261	ug/L	92
13) Acetone	2.640	43	45081	59.840	ug/L	99
14) Carbon disulfide	2.782	76	29609	3.409	ug/L	100
15) Methyl Acetate	2.949	43	7835	5.010	ug/L	94
16) Methylene chloride	3.033	84	27018	4.905	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	52757	5.057	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	17911	4.409	ug/L	97
19) 1,1-Dichloroethane	3.856	63	45447	4.979	ug/L	97
21) 2-Butanone	4.705	43	62021	54.188	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	23861	4.753	ug/L	98
23) Bromochloromethane	4.968	128	9505	5.074	ug/L	93
25) Chloroform	5.078	83	47503	4.963	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	27351	5.033	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	36744	4.743	ug/L	99
30) Cyclohexane	5.380	56	27700	4.093	ug/L	97
31) Carbon tetrachloride	5.515	117	30056	4.557	ug/L	100
33) Benzene	5.766	78	92808	4.716	ug/L	100
34) Trichloroethene	6.537	95	23273	4.539	ug/L	97
35) Methylcyclohexane	6.756	83	29792	4.166	ug/L	99
37) 1,2-Dichloropropane	6.782	63	27294	4.965	ug/L	99
38) Bromodichloromethane	7.097	83	31951	5.070	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	34980	5.017	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	147723	53.139	ug/L	98
42) Toluene	7.962	91	98531	4.738	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	27327	4.980	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	17135	4.948	ug/L	96
47) Tetrachloroethene	8.547	164	16068	4.679	ug/L	96
48) 2-Hexanone	8.682	43	112243	55.443	ug/L	95
49) Dibromochloromethane	8.804	129	19252	5.081	ug/L	99
50) 1,2-Dibromoethane	8.917	107	14558	4.884	ug/L	96
51) Chlorobenzene	9.441	112	64468	4.812	ug/L	99
52) Ethylbenzene	9.566	91	108385	4.668	ug/L	98
53) m,p-Xylene	9.688	106	39556	4.781	ug/L	94
54) o-Xylene	10.093	106	40118	4.804	ug/L	94
55) Styrene	10.110	104	65521	4.969	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	21890	5.363	ug/L	100
59) Bromoform	10.286	173	9779	5.159	ug/L	97
60) Isopropylbenzene	10.479	105	104898	4.838	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	15453	5.113	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	88581	4.868	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	88212	4.881	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	50118	4.964	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	48831	5.004	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	47895	5.129	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	3016	6.618	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	36185	5.125	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	27358	5.195	ug/L	99
71) Naphthalene	14.084	128	36707	5.118	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	22213	5.151	ug/L	96

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

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