

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060923\
 Data File : VU054477.D
 Acq On : 09 Jun 2023 21:02
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005178

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/12/2023
 Supervised By :Mahesh Dadoda 06/12/2023

Quant Time: Jun 12 01:04:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 12 00:58:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	289200	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	267422	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	138721	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	72847	3.958	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.911	69	77391	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.563	65	35002	4.258	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.644	46	251988	48.696	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.400%
24) Chloroform-d	5.058	84	194890	5.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.698	65	90975	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.724	84	356299	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.685	67	121097	4.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.894	98	316053	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.177	79	38958	4.513	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.631	63	158864	43.862	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.720%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	89964	4.859	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	112669	4.815	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	142416	5.270	ug/L	98
3) Chloromethane	1.515	50	162569	5.237	ug/L	98
5) Vinyl chloride	1.602	62	172696	5.420	ug/L	100
6) Bromomethane	1.856	94	94540	5.397	ug/L	99
8) Chloroethane	1.933	64	104150	5.453	ug/L	95
9) Trichlorofluoromethane	2.136	101	215333	5.497	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	124204	5.420	ug/L	99
12) 1,1-Dichloroethene	2.576	96	116974	5.577	ug/L	99
13) Acetone	2.666	43	172901m	35.437	ug/L	
14) Carbon disulfide	2.788	76	335078			

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	132925	5.132	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	204364	5.636	ug/L	99
30) Cyclohexane	5.383	56	205586	5.205	ug/L	99
31) Carbon tetrachloride	5.518	117	175432	5.614	ug/L	99
33) Benzene	5.769	78	520598	5.417	ug/L	100
34) Trichloroethene	6.537	95	142180	5.594	ug/L	95
35) Methylcyclohexane	6.759	83	195773	5.096	ug/L	99
37) 1,2-Dichloropropane	6.785	63	141597	5.449	ug/L	99
38) Bromodichloromethane	7.100	83	159812	5.433	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	188195	5.304	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	704676	50.814	ug/L	99
42) Toluene	7.965	91	552553	5.583	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	148637	5.162	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	89194	5.395	ug/L	98
47) Tetrachloroethene	8.547	164	100969	5.190	ug/L	99
48) 2-Hexanone	8.682	43	509385	49.297	ug/L	99
49) Dibromochloromethane	8.804	129	97658	5.626	ug/L	97
50) 1,2-Dibromoethane	8.920	107	81999	5.403	ug/L	99
51) Chlorobenzene	9.441	112	330919	5.364	ug/L	99
52) Ethylbenzene	9.566	91	582446	5.388	ug/L	99
53) m,p-Xylene	9.688	106	217599	5.480	ug/L	98
54) o-Xylene	10.097	106	209539	5.457	ug/L	99
55) Styrene	10.110	104	349516	5.423	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	103381	4.923	ug/L	96
59) Bromoform	10.287	173	55567	5.580	ug/L	98
60) Isopropylbenzene	10.479	105	570081	5.618	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	68949	4.918	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	451925	5.458	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	455522	5.417	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	256065	5.398	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	249694	5.245	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	231915	5.316	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	15225	4.942	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	180663	5.048	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	139235	4.705	ug/L	98
71) Naphthalene	14.081	128	190790	3.965	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	115717	4.551	ug/L	97

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

