

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061124\
 Data File : VU059212.D
 Acq On : 11 Jun 2024 13:19
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005111

Quant Time: Jun 12 04:26:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 12 04:24:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	188951	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	184967	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96863	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38723	3.383	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.907	69	42305	4.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.563	65	16853	3.613	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.621	46	148516	49.909	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.820%
24) Chloroform-d	5.055	84	107759	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.698	65	53231	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.724	84	196955	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.685	67	65603	4.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.894	98	172351	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.177	79	22018	4.535	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.627	63	109730	47.098	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	60393	4.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	66630	4.574	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	63821	4.617	ug/L	96
3) Chloromethane	1.515	50	72940	4.531	ug/L	100
5) Vinyl chloride	1.602	62	82559	4.788	ug/L	100
6) Bromomethane	1.853	94	51352	4.780	ug/L	98
8) Chloroethane	1.930	64	52140	4.758	ug/L	99
9) Trichlorofluoromethane	2.136	101	102045	4.614	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	66792	4.983	ug/L	99
12) 1,1-Dichloroethene	2.576	96	59562	5.060	ug/L	83
13) Acetone	2.634	43	99789	48.518	ug/L	95
14) Carbon disulfide	2.788	76	165420	4.435	ug/L	99
15) Methyl Acetate	2.949	43	25263	4.942	ug/L	96
16) Methylene chloride	3.039	84	72219	4.522	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	147873	4.833	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	60724	4.899	ug/L	94
19) 1,1-Dichloroethane	3.862	63	126638	4.888	ug/L	98
21) 2-Butanone	4.702	43	164410	49.840	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	71660	5.022	ug/L	96
23) Bromochloromethane	4.968	128	32377	5.137	ug/L	96
25) Chloroform	5.081	83	131753	4.866	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	79814	4.825	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	104181	5.037	ug/L	98
30) Cyclohexane	5.383	56	94394	4.827	ug/L	100
31) Carbon tetrachloride	5.518	117	83527	4.842	ug/L	99
33) Benzene	5.769	78	280659	5.162	ug/L	100
34) Trichloroethene	6.538	95	75311	5.236	ug/L	97
35) Methylcyclohexane	6.759	83	104412	5.089	ug/L	98
37) 1,2-Dichloropropane	6.785	63	77340	5.011	ug/L	99
38) Bromodichloromethane	7.100	83	93250	5.041	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	103563	4.924	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	398363	49.941	ug/L	99
42) Toluene	7.965	91	301344	5.314	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	81543	4.751	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	54726	5.041	ug/L	99
47) Tetrachloroethene	8.547	164	52126	5.087	ug/L	97
48) 2-Hexanone	8.679	43	289986	50.447	ug/L	98
49) Dibromochloromethane	8.804	129	58312	5.093	ug/L	98
50) 1,2-Dibromoethane	8.920	107	48844	5.091	ug/L	98
51) Chlorobenzene	9.441	112	186858	5.171	ug/L	97
52) Ethylbenzene	9.566	91	316754	5.174	ug/L	100
53) m,p-Xylene	9.689	106	118543	5.291	ug/L	94
54) o-Xylene	10.097	106	116281	5.306	ug/L	99
55) Styrene	10.110	104	198580	5.386	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	67737	4.921	ug/L	99
59) Bromoform	10.287	173	33754	4.769	ug/L	99
60) Isopropylbenzene	10.479	105	313319	5.052	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	46863	4.698	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	243260	4.922	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	243514	4.969	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	148488	4.921	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	146428	4.862	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	136943	4.856	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9182	4.576	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	109428	4.837	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	80979	4.337	ug/L	98
71) Naphthalene	14.084	128	114330	4.063	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	71522	4.365	ug/L	98

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

