

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059294.D
 Acq On : 17 Jun 2024 20:51
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005114

Quant Time: Jun 18 04:24:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	106717	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	107827	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	57045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34065	4.591	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.907	69	33461	4.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.560	65	13778	4.475	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.615	46	89577	58.603	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.200%
24) Chloroform-d	5.055	84	74463	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.695	65	37635	5.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.721	84	143870	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.685	67	44348	4.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.894	98	128504	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.177	79	13871	4.871	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.627	63	71265	60.235	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.480%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	40848	5.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	49556	4.881	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	46840	5.180	ug/L	100
3) Chloromethane	1.522	50	50789	5.218	ug/L	99
5) Vinyl chloride	1.602	62	56382	5.244	ug/L	98
6) Bromomethane	1.850	94	36608	4.897	ug/L	98
8) Chloroethane	1.927	64	34979	5.400	ug/L	99
9) Trichlorofluoromethane	2.133	101	68171	5.267	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	41099	5.017	ug/L	96
12) 1,1-Dichloroethene	2.573	96	39222	5.182	ug/L	87
13) Acetone	2.618	43	55708	56.183	ug/L	96
14) Carbon disulfide	2.785	76	126493	5.009	ug/L	99
15) Methyl Acetate	2.946	43	15351	5.867	ug/L	96
16) Methylene chloride	3.039	84	51739	5.769	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	90690	5.560	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	40656	5.165	ug/L	91
19) 1,1-Dichloroethane	3.862	63	77503	5.339	ug/L	100
21) 2-Butanone	4.692	43	95275	59.907	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	45081	5.196	ug/L	96
23) Bromochloromethane	4.968	128	22119	5.592	ug/L	88
25) Chloroform	5.081	83	80643	5.275	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	51099	5.516	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	65133	5.231	ug/L	99
30) Cyclohexane	5.383	56	56779	5.165	ug/L	95
31) Carbon tetrachloride	5.518	117	56105	5.381	ug/L	98
33) Benzene	5.769	78	177186	5.411	ug/L	100
34) Trichloroethene	6.537	95	47028	5.303	ug/L	97
35) Methylcyclohexane	6.759	83	63682	5.047	ug/L	95
37) 1,2-Dichloropropane	6.785	63	47280	5.580	ug/L	98
38) Bromodichloromethane	7.100	83	56764	5.367	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	61249	5.285	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	238571	60.759	ug/L	97
42) Toluene	7.965	91	191349	5.520	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	49722	5.346	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	35452	5.678	ug/L	98
47) Tetrachloroethene	8.550	164	35912	5.219	ug/L	96
48) 2-Hexanone	8.679	43	176680	63.049	ug/L	97
49) Dibromochloromethane	8.804	129	38150	5.515	ug/L	98
50) 1,2-Dibromoethane	8.920	107	33030	5.728	ug/L	97
51) Chlorobenzene	9.444	112	119343	5.428	ug/L	96
52) Ethylbenzene	9.566	91	191668	5.390	ug/L	97
53) m,p-Xylene	9.688	106	74894	5.484	ug/L	97
54) o-Xylene	10.097	106	71042	5.481	ug/L	97
55) Styrene	10.113	104	126537	5.735	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	42599	5.624	ug/L	96
59) Bromoform	10.287	173	24374	5.583	ug/L	94
60) Isopropylbenzene	10.479	105	186837	5.302	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	30300	5.748	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	144538	5.177	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	143468	5.375	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	93834	5.235	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	92667	5.023	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	89488	5.306	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	6125	5.957	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	65385	4.928	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	49616	4.875	ug/L	98
71) Naphthalene	14.084	128	73348	5.035	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	47967	5.076	ug/L	99

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

