

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059271.D
 Acq On : 17 Jun 2024 10:26
 Operator : MD/SY
 Sample : VSTD00570
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005070

Quant Time: Jun 17 10:57:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 10:14:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	118061	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	119419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	61751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	41900	5.859	ug/L	0.00
7) Chloroethane-d5	1.907	69	39623	6.130	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	16947	5.815	ug/L	0.00
20) 2-Butanone-d5	4.615	46	83070	44.678	ug/L	-0.01
24) Chloroform-d	5.055	84	85379	5.912	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	40567	5.466	ug/L	0.00
32) Benzene-d6	5.721	84	169227	6.174	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	50128	5.488	ug/L	0.00
41) Toluene-d8	7.891	98	157726	6.322	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	16161	5.156	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	64736	43.037	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40478	5.132	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	53362	5.746	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	48809	5.651	ug/L	99
3) Chloromethane	1.518	50	54608	5.430	ug/L	100
5) Vinyl chloride	1.599	62	59496	5.522	ug/L	98
6) Bromomethane	1.849	94	38959	5.804	ug/L	96
8) Chloroethane	1.927	64	36263	5.296	ug/L	98
9) Trichlorofluoromethane	2.132	101	70925	5.132	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	43905	5.243	ug/L	95
12) 1,1-Dichloroethene	2.573	96	40881	5.558	ug/L	95
13) Acetone	2.621	43	51420	40.012	ug/L	95
14) Carbon disulfide	2.785	76	139645	5.992	ug/L	100
15) Methyl Acetate	2.946	43	15449	4.837	ug/L	99
16) Methylene chloride	3.036	84	47171	4.727	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	87658	4.585	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	44156	5.702	ug/L	92
19) 1,1-Dichloroethane	3.862	63	81328	5.024	ug/L	97
21) 2-Butanone	4.695	43	86809	42.117	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	48771	5.470	ug/L	95
23) Bromochloromethane	4.968	128	22475	5.708	ug/L	91
25) Chloroform	5.078	83	85456	5.052	ug/L	99
27) 1,2-Dichloroethane	5.788	62	52985	5.126	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	68560	5.135	ug/L	98
30) Cyclohexane	5.380	56	62526	4.953	ug/L	95
31) Carbon tetrachloride	5.518	117	57350	5.149	ug/L	99
33) Benzene	5.766	78	186771	5.321	ug/L	100
34) Trichloroethene	6.537	95	49250	5.304	ug/L	96
35) Methylcyclohexane	6.756	83	70147	5.295	ug/L	96
37) 1,2-Dichloropropane	6.785	63	48596	4.877	ug/L #	98
38) Bromodichloromethane	7.100	83	59848	5.011	ug/L	93
39) cis-1,3-Dichloropropene	7.602	75	65962	4.858	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	222498	43.204	ug/L	97
42) Toluene	7.965	91	202748	5.538	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	52713	4.757	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	35220	5.025	ug/L	98
47) Tetrachloroethene	8.547	164	38628	5.839	ug/L	98
48) 2-Hexanone	8.679	43	162244	43.717	ug/L	98
49) Dibromochloromethane	8.804	129	38597	5.222	ug/L	98
50) 1,2-Dibromoethane	8.917	107	32339	5.221	ug/L	96
51) Chlorobenzene	9.441	112	126012	5.401	ug/L	95
52) Ethylbenzene	9.566	91	204104	5.164	ug/L	98
53) m,p-Xylene	9.688	106	79321	5.483	ug/L	98
54) o-Xylene	10.093	106	75290	5.322	ug/L	100
55) Styrene	10.110	104	132415	5.563	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	41660	4.688	ug/L	99
59) Bromoform	10.286	173	23605	5.231	ug/L	98
60) Isopropylbenzene	10.479	105	199048	5.035	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	29183	4.589	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	156203	4.957	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	153298	4.907	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	97530	5.071	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	99321	5.174	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	92217	5.130	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	5656	4.422	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.216	180	70742	4.905	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	52917	4.446	ug/L	96
71) Naphthalene	14.084	128	73296	4.086	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	49081	4.699	ug/L	99

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

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