

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059270.D
 Acq On : 17 Jun 2024 10:02
 Operator : MD/SY
 Sample : VSTD00169
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001069

Quant Time: Jun 17 10:57:30 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	6.242	114	105802	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	109129	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	51675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	7323	1.143	ug/L	0.00
7) Chloroethane-d5	1.907	69	7097	1.225	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	2885	1.105	ug/L	0.00
20) 2-Butanone-d5	4.631	46	12905	7.745	ug/L	0.00
24) Chloroform-d	5.055	84	14669	1.133	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	7033	1.057	ug/L	0.00
32) Benzene-d6	5.721	84	27322	1.091	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	8514	1.020	ug/L	0.00
41) Toluene-d8	7.894	98	24736	1.085	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	2416	0.844	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	8912	6.483	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	7087	0.983	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	8740	1.125	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	9230	1.192	ug/L	98
3) Chloromethane	1.515	50	10264	1.139	ug/L	98
5) Vinyl chloride	1.599	62	11253	1.165	ug/L	99
6) Bromomethane	1.853	94	7603	1.264	ug/L	99
8) Chloroethane	1.927	64	6791	1.107	ug/L	98
9) Trichlorofluoromethane	2.132	101	13312	1.075	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	8473	1.129	ug/L	95
12) 1,1-Dichloroethene	2.573	96	7788	1.182	ug/L	77
13) Acetone	2.624	43	9907	8.602	ug/L	94
14) Carbon disulfide	2.785	76	26208	1.255	ug/L	97
15) Methyl Acetate	2.949	43	2588	0.904	ug/L	97
16) Methylene chloride	3.036	84	9106	1.018	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	16337	0.953	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	8055	1.161	ug/L	96
19) 1,1-Dichloroethane	3.859	63	15048	1.037	ug/L	100
21) 2-Butanone	4.711	43	14500	7.850	ug/L	86
22) cis-1,2-Dichloroethene	4.660	96	8518	1.066	ug/L	91
23) Bromochloromethane	4.968	128	4062	1.151	ug/L	88
25) Chloroform	5.084	83	15905	1.049	ug/L	100
27) 1,2-Dichloroethane	5.788	62	9465	1.022	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	12964	1.062	ug/L	96
30) Cyclohexane	5.380	56	10042	0.870	ug/L	94
31) Carbon tetrachloride	5.518	117	11049	1.086	ug/L	94
33) Benzene	5.769	78	33059	1.031	ug/L	100
34) Trichloroethene	6.541	95	9060	1.068	ug/L	94
35) Methylcyclohexane	6.756	83	11409	0.942	ug/L	99
37) 1,2-Dichloropropane	6.785	63	8329	0.915	ug/L	# 96
38) Bromodichloromethane	7.100	83	10993	1.007	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	11190	0.902	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	35933	7.635	ug/L	97
42) Toluene	7.965	91	33756	1.009	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	8911	0.880	ug/L	94

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45) 1,1,2-Trichloroethane	8.396	97	6576	1.027	ug/L	97
47) Tetrachloroethene	8.550	164	6733	1.114	ug/L	94
48) 2-Hexanone	8.682	43	24012	7.080	ug/L	97
49) Dibromochloromethane	8.804	129	6959	1.030	ug/L	98
50) 1,2-Dibromoethane	8.920	107	5810	1.026	ug/L #	90
51) Chlorobenzene	9.444	112	21788	1.022	ug/L	97
52) Ethylbenzene	9.566	91	32583	0.902	ug/L	98
53) m,p-Xylene	9.692	106	12162	0.920	ug/L	98
54) o-Xylene	10.097	106	11334	0.877	ug/L	96
55) Styrene	10.113	104	18554	0.853	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.778	83	7853	0.967	ug/L #	98
59) Bromoform	10.286	173	4061	1.075	ug/L	97
60) Isopropylbenzene	10.479	105	30016	0.907	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	5019	0.943	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	22466	0.852	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	19425	0.743	ug/L	96
64) 1,3-Dichlorobenzene	11.743	146	16728	1.039	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	16923	1.053	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	15476	1.029	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.997	75	828	0.774	ug/L	96
69) 1,3,5-Trichlorobenzene	13.219	180	11647	0.965	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	8536	0.857	ug/L	97
71) Naphthalene	14.090	128	11118	0.741	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	8230	0.942	ug/L	93

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

