

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061035.D
 Acq On : 01 Oct 2024 10:35
 Operator : MD/SY
 Sample : VSTD00526
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005026

Quant Time: Oct 02 01:55:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 02 01:31:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	189292	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.409	117	178061	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	86788	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	68689	5.076	ug/L	0.00
7) Chloroethane-d5	1.911	69	51527	5.087	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.564	65	30331	5.080	ug/L	0.00
20) 2-Butanone-d5	4.628	46	171024	53.488	ug/L	0.00
24) Chloroform-d	5.055	84	123378	5.173	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	65278	5.163	ug/L	0.00
32) Benzene-d6	5.718	84	242090	5.156	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	78084	5.064	ug/L	0.00
41) Toluene-d8	7.891	98	224078	5.106	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	32759	4.969	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	140031	51.317	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.747	84	57615	5.095	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	69740	5.026	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	49886	5.407	ug/L	100
3) Chloromethane	1.519	50	71108	5.337	ug/L	95
5) Vinyl chloride	1.602	62	72742	5.438	ug/L	98
6) Bromomethane	1.856	94	37518	5.258	ug/L	97
8) Chloroethane	1.933	64	43164	5.320	ug/L	97
9) Trichlorofluoromethane	2.136	101	94347	5.489	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60754	5.352	ug/L	97
12) 1,1-Dichloroethene	2.576	96	57751	5.283	ug/L	91
13) Acetone	2.647	43	113284	54.336	ug/L	94
14) Carbon disulfide	2.789	76	200297	5.392	ug/L	99
15) Methyl Acetate	2.956	43	27230	5.473	ug/L	98
16) Methylene chloride	3.039	84	67202	5.355	ug/L	89
17) Methyl tert-butyl Ether	3.355	73	170019	5.436	ug/L	# 95
18) trans-1,2-Dichloroethene	3.348	96	63257	5.279	ug/L	91
19) 1,1-Dichloroethane	3.859	63	126509	5.426	ug/L	99
21) 2-Butanone	4.708	43	193140	55.631	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	71915	5.389	ug/L	93
23) Bromochloromethane	4.969	128	28736	5.350	ug/L	# 86
25) Chloroform	5.078	83	125671	5.380	ug/L	98
27) 1,2-Dichloroethane	5.785	62	83776	5.445	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	108969	5.289	ug/L	97
30) Cyclohexane	5.380	56	120737	5.260	ug/L	93
31) Carbon tetrachloride	5.515	117	94511	5.405	ug/L	100
33) Benzene	5.766	78	283569	5.402	ug/L	100
34) Trichloroethene	6.534	95	74192	5.214	ug/L	96
35) Methylcyclohexane	6.753	83	123981	5.395	ug/L	97
37) 1,2-Dichloropropane	6.782	63	74353	5.375	ug/L	# 97
38) Bromodichloromethane	7.097	83	92204	5.332	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	116885	5.389	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	488322	55.114	ug/L	94
42) Toluene	7.962	91	297852	5.326	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	97894	5.458	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	47944	5.230	ug/L	96
47) Tetrachloroethene	8.544	164	49275	5.321	ug/L	95
48) 2-Hexanone	8.676	43	346035	56.332	ug/L	94
49) Dibromochloromethane	8.801	129	57685	5.408	ug/L	98
50) 1,2-Dibromoethane	8.917	107	47488	5.472	ug/L #	96
51) Chlorobenzene	9.438	112	181282	5.322	ug/L	94
52) Ethylbenzene	9.563	91	338016	5.334	ug/L	99
53) m,p-Xylene	9.685	106	123806	5.356	ug/L	93
54) o-Xylene	10.091	106	123356	5.424	ug/L	93
55) Styrene	10.107	104	199346	5.431	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.772	83	61954	5.378	ug/L	95
59) Bromoform	10.284	173	31389	5.269	ug/L	98
60) Isopropylbenzene	10.476	105	306816	5.286	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	44741	5.248	ug/L	97
62) 1,3,5-Trimethylbenzene	11.078	105	270633	5.291	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	274502	5.316	ug/L	97
64) 1,3-Dichlorobenzene	11.737	146	132441	5.323	ug/L	96
65) 1,4-Dichlorobenzene	11.827	146	129083	5.249	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	122188	5.314	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.988	75	10051	5.405	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.213	180	94342	5.385	ug/L #	96
70) 1,2,4-trichlorobenzene	13.833	180	72838	5.426	ug/L	98
71) Naphthalene	14.081	128	119205	5.546	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	59584	5.334	ug/L #	96

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

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