

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059273.D
 Acq On : 17 Jun 2024 11:44
 Operator : MD/SY
 Sample : VSTD02072
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020072

Quant Time: Jun 17 12:04:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 11:12:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	121313	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	123453	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	168416	22.919	ug/L	0.00
7) Chloroethane-d5	1.901	69	164220	24.724	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.557	65	72487	24.205	ug/L	0.00
20) 2-Butanone-d5	4.608	46	420102	219.888	ug/L	-0.02
24) Chloroform-d	5.052	84	351488	23.686	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	172840	22.663	ug/L	0.00
32) Benzene-d6	5.718	84	724021	25.550	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	219190	23.215	ug/L	0.00
41) Toluene-d8	7.891	98	675808	26.202	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	74925	23.124	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	379003	243.732	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	184762	22.658	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	244518	23.967	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	202140	22.775	ug/L	98
3) Chloromethane	1.515	50	213422	20.651	ug/L	99
5) Vinyl chloride	1.599	62	239036	21.590	ug/L	100
6) Bromomethane	1.843	94	201546	29.220	ug/L	98
8) Chloroethane	1.923	64	140717	19.999	ug/L	99
9) Trichlorofluoromethane	2.129	101	286800	20.196	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	180395	20.963	ug/L	96
12) 1,1-Dichloroethene	2.570	96	171406	22.680	ug/L	92
13) Acetone	2.621	43	239269	181.196	ug/L	96
14) Carbon disulfide	2.785	76	553760	23.125	ug/L	100
15) Methyl Acetate	2.943	43	65118	19.841	ug/L	91
16) Methylene chloride	3.036	84	194088	18.929	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	412384	20.991	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	180035	22.624	ug/L	93
19) 1,1-Dichloroethane	3.859	63	324334	19.497	ug/L	98
21) 2-Butanone	4.689	43	416957	196.870	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	208027	22.706	ug/L	95
23) Bromochloromethane	4.965	128	91988	22.735	ug/L	90
25) Chloroform	5.078	83	341320	19.636	ug/L	98
27) 1,2-Dichloroethane	5.785	62	215098	20.254	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	280075	20.290	ug/L	98
30) Cyclohexane	5.380	56	285594	21.883	ug/L	95
31) Carbon tetrachloride	5.518	117	235169	20.423	ug/L	100
33) Benzene	5.766	78	771333	21.257	ug/L	100
34) Trichloroethene	6.534	95	204284	21.281	ug/L	98
35) Methylcyclohexane	6.756	83	333234	24.334	ug/L	93
37) 1,2-Dichloropropane	6.782	63	196351	19.062	ug/L	98
38) Bromodichloromethane	7.097	83	243955	19.758	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	298483	21.262	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	1063800	199.815	ug/L #	95
42) Toluene	7.962	91	848029	22.406	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	243226	21.234	ug/L	100

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45) 1,1,2-Trichloroethane	8.393	97	149685	20.658	ug/L	99
47) Tetrachloroethene	8.547	164	160453	23.463	ug/L	98
48) 2-Hexanone	8.676	43	773264	201.547	ug/L #	94
49) Dibromochloromethane	8.804	129	166144	21.743	ug/L	97
50) 1,2-Dibromoethane	8.917	107	140856	21.998	ug/L	99
51) Chlorobenzene	9.441	112	522331	21.656	ug/L	96
52) Ethylbenzene	9.563	91	921402	22.549	ug/L	97
53) m,p-Xylene	9.688	106	355956	23.803	ug/L	99
54) o-Xylene	10.094	106	341394	23.342	ug/L	99
55) Styrene	10.110	104	599030	24.345	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	182242	19.838	ug/L	99
59) Bromoform	10.283	173	106006	21.385	ug/L	98
60) Isopropylbenzene	10.479	105	911918	20.997	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	126910	18.167	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	767203	22.164	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	765188	22.294	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	429356	20.319	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	435316	20.641	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	402377	20.374	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	28089	19.989	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.212	180	328885	20.757	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	279771	21.397	ug/L	98
71) Naphthalene	14.081	128	469136	23.808	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	261941	22.828	ug/L	98

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

