

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060777.D
 Acq On : 16 Sep 2024 12:30
 Operator : MD/SY
 Sample : VSTD02022
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020022

Quant Time: Sep 17 01:12:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:09:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	182640	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	183120	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	100116	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	331760	24.677	ug/L	0.00
7) Chloroethane-d5	1.911	69	244182	19.987	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	125788	23.188	ug/L	0.00
20) 2-Butanone-d5	4.628	46	598534	226.622	ug/L	0.00
24) Chloroform-d	5.052	84	524320	20.185	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	244162	19.539	ug/L	0.00
32) Benzene-d6	5.718	84	1093177	21.827	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	328509	21.138	ug/L	0.00
41) Toluene-d8	7.891	98	1037709	22.155	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	132070	26.309	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	592072	289.053	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	264091	20.725	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	372234	21.042	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	272001	17.759	ug/L	100
3) Chloromethane	1.515	50	284522	17.583	ug/L	97
5) Vinyl chloride	1.602	62	315635	17.586	ug/L	98
6) Bromomethane	1.856	94	198634	15.980	ug/L	97
8) Chloroethane	1.930	64	189734	17.625	ug/L	98
9) Trichlorofluoromethane	2.132	101	433786	19.616	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	251857	18.084	ug/L	97
12) 1,1-Dichloroethene	2.573	96	233221	18.287	ug/L	93
13) Acetone	2.650	43	347762	200.716	ug/L	93
14) Carbon disulfide	2.788	76	637856	15.494	ug/L	99
15) Methyl Acetate	2.952	43	87431	19.959	ug/L #	89
16) Methylene chloride	3.039	84	262156	17.266	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	579658	20.879	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	244098	18.607	ug/L	98
19) 1,1-Dichloroethane	3.859	63	482384	19.509	ug/L	98
21) 2-Butanone	4.705	43	636287	232.371	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	283804	19.465	ug/L	98
23) Bromochloromethane	4.965	128	128683	19.278	ug/L	98
25) Chloroform	5.078	83	494105	19.050	ug/L	98
27) 1,2-Dichloroethane	5.785	62	288645	18.538	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	410241	19.556	ug/L	99
30) Cyclohexane	5.380	56	393228	21.650	ug/L	99
31) Carbon tetrachloride	5.515	117	366280	20.546	ug/L	99
33) Benzene	5.766	78	1085652	19.810	ug/L	100
34) Trichloroethene	6.534	95	281378	19.023	ug/L	95
35) Methylcyclohexane	6.756	83	439446	21.129	ug/L	97
37) 1,2-Dichloropropane	6.782	63	295085	20.636	ug/L #	97
38) Bromodichloromethane	7.097	83	355185	19.978	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	441416	22.723	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	1517221	227.840	ug/L	98
42) Toluene	7.962	91	1210031	20.831	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	357088	22.737	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	209299	20.034	ug/L	99
47) Tetrachloroethene	8.547	164	226925	19.811	ug/L	98
48) 2-Hexanone	8.676	43	1113694	233.519	ug/L	98
49) Dibromochloromethane	8.801	129	241923	20.653	ug/L	97
50) 1,2-Dibromoethane	8.917	107	193008	19.930	ug/L	97
51) Chlorobenzene	9.438	112	767868	20.803	ug/L	100
52) Ethylbenzene	9.563	91	1342282	22.587	ug/L	100
53) m,p-Xylene	9.685	106	530877	23.215	ug/L	99
54) o-Xylene	10.094	106	505594	23.213	ug/L	98
55) Styrene	10.106	104	873057	23.703	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	267014	20.827	ug/L	95
59) Bromoform	10.283	173	152958	20.124	ug/L	99
60) Isopropylbenzene	10.476	105	1353868	22.129	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	179514	19.690	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	1119760	23.249	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	1132638	24.433	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	638688	20.401	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	647037	20.197	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	600429	20.429	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	38138	21.143	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	492971	21.289	ug/L	97
70) 1,2,4-trichlorobenzene	13.830	180	406849	23.271	ug/L	98
71) Naphthalene	14.077	128	616609	25.007	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	355071	22.027	ug/L	99

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

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