

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081224\
 Data File : VU060412.D
 Acq On : 12 Aug 2024 17:59
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005166

Quant Time: Aug 13 02:26:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 13 02:20:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	93443	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	97931	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	50452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24569	3.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.907	69	24079	3.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.560	65	10643	3.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.634	46	82116	52.752	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.500%
24) Chloroform-d	5.055	84	65352	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.695	65	32202	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.721	84	116398	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.682	67	39946	4.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.891	98	104288	3.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.177	79	12411	4.191	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.631	63	65220	49.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	34097	4.536	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	41747	4.492	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	24610	4.882	ug/L	98
3) Chloromethane	1.518	50	29243	4.664	ug/L	99
5) Vinyl chloride	1.599	62	34381	4.683	ug/L	98
6) Bromomethane	1.853	94	23718	4.563	ug/L	95
8) Chloroethane	1.930	64	23560	4.732	ug/L	99
9) Trichlorofluoromethane	2.133	101	56235	5.464	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	33359	4.919	ug/L	99
12) 1,1-Dichloroethene	2.573	96	28200	4.577	ug/L	87
13) Acetone	2.650	43	61046	57.429	ug/L	97
14) Carbon disulfide	2.785	76	66306	4.266	ug/L	99
15) Methyl Acetate	2.956	43	12020	5.458	ug/L	97
16) Methylene chloride	3.039	84	60199	6.873	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	73181	5.038	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	28418	4.702	ug/L	95
19) 1,1-Dichloroethane	3.859	63	64542	5.172	ug/L	99
21) 2-Butanone	4.714	43	86615	54.670	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	35287	4.836	ug/L	95
23) Bromochloromethane	4.972	128	16884	5.014	ug/L	96
25) Chloroform	5.081	83	70183	5.170	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	39879	5.523	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	56205	5.243	ug/L	98
30) Cyclohexane	5.380	56	39108	4.506	ug/L	98
31) Carbon tetrachloride	5.515	117	50039	5.326	ug/L	100
33) Benzene	5.766	78	140510	4.984	ug/L	100
34) Trichloroethene	6.537	95	36290	4.917	ug/L	97
35) Methylcyclohexane	6.756	83	43989	4.565	ug/L	99
37) 1,2-Dichloropropane	6.785	63	40403	5.265	ug/L #	97
38) Bromodichloromethane	7.097	83	49252	5.193	ug/L	90
39) cis-1,3-Dichloropropene	7.602	75	50610	4.856	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	196049	54.732	ug/L	96
42) Toluene	7.962	91	153751	5.161	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	44079	5.119	ug/L	94
45) 1,1,2-Trichloroethane	8.393	97	29958	5.098	ug/L	96
47) Tetrachloroethene	8.547	164	27364	4.740	ug/L	98
48) 2-Hexanone	8.679	43	154710	56.974	ug/L	98
49) Dibromochloromethane	8.801	129	33071	5.292	ug/L	99
50) 1,2-Dibromoethane	8.917	107	25771	4.926	ug/L	98
51) Chlorobenzene	9.441	112	98708	4.911	ug/L	98
52) Ethylbenzene	9.563	91	152760	4.867	ug/L	100
53) m,p-Xylene	9.688	106	60593	5.079	ug/L	94
54) o-Xylene	10.094	106	57920	5.074	ug/L	96
55) Styrene	10.110	104	101144	5.121	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	36752	5.029	ug/L	97
59) Bromoform	10.283	173	19984	5.216	ug/L	96
60) Isopropylbenzene	10.479	105	155851	5.116	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	25443	5.209	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	121397	5.176	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	116263	5.030	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	78070	5.029	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	78047	4.987	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	73223	4.995	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	5334	5.825	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	55791	4.755	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	40892	4.439	ug/L	97
71) Naphthalene	14.084	128	57205	4.368	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	37257	4.515	ug/L	98

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

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