

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062631.D
 Acq On : 27 Dec 2024 20:37
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005090

Quant Time: Dec 27 22:10:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 21:56:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	110897	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54829	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25291	3.381	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.904	69	19584	3.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.557	65	13188	3.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.615	46	61782	43.097	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.200%
24) Chloroform-d	5.052	84	67467	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.692	65	36322	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.714	84	114455	3.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.679	67	33220	3.958	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.888	98	114781	4.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.174	79	16145	4.370	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.624	63	56351	50.553	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.100%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28501	4.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	43138	4.270	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	38762	3.731	ug/L	99
3) Chloromethane	1.515	50	28247	3.469	ug/L	99
5) Vinyl chloride	1.599	62	32943	3.886	ug/L	98
6) Bromomethane	1.850	94	22913	4.055	ug/L	94
8) Chloroethane	1.924	64	20910	4.404	ug/L	99
9) Trichlorofluoromethane	2.129	101	70030	4.759	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	35720	4.460	ug/L	91
12) 1,1-Dichloroethene	2.570	96	31119	4.156	ug/L	87
13) Acetone	2.624	43	46509	47.649	ug/L	99
14) Carbon disulfide	2.782	76	79946	3.376	ug/L	99
15) Methyl Acetate	2.946	43	9689	3.961	ug/L #	85
16) Methylene chloride	3.033	84	34401	4.377	ug/L	90
17) Methyl tert-butyl Ether	3.351	73	91904	4.927	ug/L	96
18) trans-1,2-Dichloroethene	3.342	96	33244	4.321	ug/L	91
19) 1,1-Dichloroethane	3.856	63	62539	4.435	ug/L	97
21) 2-Butanone	4.695	43	66303	46.775	ug/L	91
22) cis-1,2-Dichloroethene	4.653	96	39231	4.549	ug/L	93
23) Bromochloromethane	4.962	128	18486	4.891	ug/L #	77
25) Chloroform	5.075	83	76964	4.845	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	50493	5.002	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	72810	5.081	ug/L	95
30) Cyclohexane	5.377	56	44150	3.800	ug/L	88
31) Carbon tetrachloride	5.512	117	65493	4.984	ug/L	100
33) Benzene	5.763	78	139435	4.417	ug/L	100
34) Trichloroethene	6.531	95	43451	4.859	ug/L	97
35) Methylcyclohexane	6.753	83	52829	3.985	ug/L	94
37) 1,2-Dichloropropane	6.779	63	33985	4.421	ug/L	98
38) Bromodichloromethane	7.094	83	53738	4.955	ug/L #	98
39) cis-1,3-Dichloropropene	7.599	75	56263	4.566	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	169194	46.963	ug/L #	91
42) Toluene	7.959	91	155197	4.560	ug/L	96
44) trans-1,3-Dichloropropene	8.200	75	48990	4.869	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	28777	4.959	ug/L	99
47) Tetrachloroethene	8.544	164	32494	4.707	ug/L	91
48) 2-Hexanone	8.672	43	120229	45.156	ug/L #	93
49) Dibromochloromethane	8.798	129	36793	5.248	ug/L	96
50) 1,2-Dibromoethane	8.914	107	28222	5.061	ug/L #	98
51) Chlorobenzene	9.438	112	101292	4.644	ug/L	99
52) Ethylbenzene	9.560	91	176463	4.624	ug/L	97
53) m,p-Xylene	9.685	106	66790	4.740	ug/L	95
54) o-Xylene	10.090	106	66134	4.826	ug/L	97
55) Styrene	10.107	104	112983	5.002	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	31947	4.730	ug/L #	94
59) Bromoform	10.280	173	22249	5.164	ug/L	98
60) Isopropylbenzene	10.473	105	185176	4.675	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	24131	4.760	ug/L	94
62) 1,3,5-Trimethylbenzene	11.078	105	157734	4.706	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	157859	4.807	ug/L	96
64) 1,3-Dichlorobenzene	11.737	146	84887	4.666	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	85534	4.669	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	80568	4.792	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6530	5.905	ug/L	88
69) 1,3,5-Trichlorobenzene	13.209	180	64896	4.798	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	52122	4.881	ug/L	96
71) Naphthalene	14.077	128	79186	4.939	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	46167	4.903	ug/L	98

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

