

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121224\
 Data File : VU062274.D
 Acq On : 12 Dec 2024 09:02
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005183

Quant Time: Dec 13 00:11:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 01:45:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	100527	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	95085	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50288	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26722	3.941	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.911	69	21661	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.560	65	13475	4.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.627	46	66873	51.461	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.920%
24) Chloroform-d	5.052	84	70048	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.692	65	35182	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.717	84	120968	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.682	67	35690	4.555	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.891	98	113913	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.174	79	15903	4.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.627	63	53659	51.568	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30231	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	43062	4.647	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	49375	5.243	ug/L	99
3) Chloromethane	1.515	50	36629	4.962	ug/L	98
5) Vinyl chloride	1.602	62	40001	5.205	ug/L #	75
6) Bromomethane	1.853	94	23513	4.590	ug/L	99
8) Chloroethane	1.930	64	21287	4.945	ug/L	94
9) Trichlorofluoromethane	2.132	101	72282	5.419	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	39504	5.441	ug/L	92
12) 1,1-Dichloroethene	2.573	96	34254	5.047	ug/L	90
13) Acetone	2.647	43	47138	53.276	ug/L	94
14) Carbon disulfide	2.785	76	105128	4.898	ug/L	100
15) Methyl Acetate	2.955	43	11499	5.185	ug/L	97
16) Methylene chloride	3.039	84	37513	5.265	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	86558	5.119	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	36598	5.248	ug/L	90
19) 1,1-Dichloroethane	3.859	63	66278	5.185	ug/L	98
21) 2-Butanone	4.708	43	69934	54.426	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	40084	5.128	ug/L	97
23) Bromochloromethane	4.968	128	18015	5.258	ug/L #	84
25) Chloroform	5.078	83	76241	5.295	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	47430	5.184	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	72727	5.437	ug/L	95
30) Cyclohexane	5.380	56	54549	5.029	ug/L	95
31) Carbon tetrachloride	5.515	117	66192	5.397	ug/L	96
33) Benzene	5.762	78	151300	5.135	ug/L	100
34) Trichloroethene	6.534	95	43499	5.211	ug/L	97
35) Methylcyclohexane	6.756	83	63089	5.098	ug/L	97
37) 1,2-Dichloropropane	6.782	63	37948	5.288	ug/L	99
38) Bromodichloromethane	7.097	83	52717	5.207	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	58354	5.073	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	173880	51.702	ug/L #	92
42) Toluene	7.962	91	168488	5.303	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	49315	5.251	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	28907	5.336	ug/L	94
47) Tetrachloroethene	8.547	164	35523	5.512	ug/L	95
48) 2-Hexanone	8.676	43	126611	50.941	ug/L #	94
49) Dibromochloromethane	8.801	129	35571	5.435	ug/L	98
50) 1,2-Dibromoethane	8.917	107	27995	5.378	ug/L #	98
51) Chlorobenzene	9.441	112	106269	5.220	ug/L	98
52) Ethylbenzene	9.563	91	187717	5.269	ug/L	98
53) m,p-Xylene	9.685	106	70753	5.379	ug/L	95
54) o-Xylene	10.093	106	68745	5.374	ug/L	99
55) Styrene	10.106	104	113394	5.378	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	33913	5.379	ug/L #	99
59) Bromoform	10.283	173	20808	5.265	ug/L	98
60) Isopropylbenzene	10.476	105	190618	5.247	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	23574	5.070	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	163003	5.302	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	158104	5.249	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	87631	5.251	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	86802	5.166	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	81111	5.260	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	5835	5.753	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	66735	5.380	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	50790	5.186	ug/L	99
71) Naphthalene	14.080	128	64494	4.385	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	41183	4.768	ug/L	98

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

