

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121024\
 Data File : VU062205.D
 Acq On : 10 Dec 2024 13:33
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005178

Quant Time: Dec 11 03:41:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 10 00:32:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	96631	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	91363	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28153	4.319	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.907	69	21249	4.583	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.557	65	13732	4.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.621	46	62109	49.722	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.440%
24) Chloroform-d	5.052	84	71772	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.692	65	36202	5.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.718	84	125188	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.682	67	36171	4.804	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.891	98	117423	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.174	79	15663	4.726	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.627	63	49988	49.997	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.000%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30066	5.132	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	43002	5.111	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47311	5.227	ug/L	98
3) Chloromethane	1.518	50	34855	4.912	ug/L	98
5) Vinyl chloride	1.599	62	36028	4.877	ug/L	95
6) Bromomethane	1.853	94	19719	4.005	ug/L	93
8) Chloroethane	1.927	64	21227	5.130	ug/L	93
9) Trichlorofluoromethane	2.132	101	67801	5.288	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	36989	5.300	ug/L	92
12) 1,1-Dichloroethene	2.573	96	32931	5.047	ug/L	92
13) Acetone	2.634	43	42541	50.019	ug/L	97
14) Carbon disulfide	2.785	76	98806	4.789	ug/L	99
15) Methyl Acetate	2.952	43	9758	4.578	ug/L #	86
16) Methylene chloride	3.036	84	36273	5.296	ug/L	90
17) Methyl tert-butyl Ether	3.357	73	83162	5.117	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	35283	5.263	ug/L	90
19) 1,1-Dichloroethane	3.859	63	64021	5.210	ug/L	97
21) 2-Butanone	4.701	43	64272	52.036	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	38636	5.142	ug/L	94
23) Bromochloromethane	4.965	128	17707	5.376	ug/L #	86
25) Chloroform	5.078	83	74736	5.400	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	47866	5.442	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	69714	5.424	ug/L	94
30) Cyclohexane	5.377	56	49007	4.702	ug/L	91
31) Carbon tetrachloride	5.515	117	63524	5.390	ug/L	97
33) Benzene	5.766	78	145003	5.121	ug/L	100
34) Trichloroethene	6.534	95	41305	5.150	ug/L	98
35) Methylcyclohexane	6.753	83	58469	4.917	ug/L	96
37) 1,2-Dichloropropane	6.782	63	35214	5.107	ug/L	99
38) Bromodichloromethane	7.097	83	51633	5.308	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	55713	5.041	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	161680	50.033	ug/L #	92
42) Toluene	7.962	91	158449	5.190	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	47871	5.304	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	27366	5.257	ug/L	99
47) Tetrachloroethene	8.544	164	32821	5.300	ug/L	94
48) 2-Hexanone	8.676	43	118617	49.669	ug/L #	94
49) Dibromochloromethane	8.801	129	34771	5.529	ug/L	99
50) 1,2-Dibromoethane	8.917	107	26539	5.306	ug/L #	99
51) Chlorobenzene	9.441	112	99605	5.092	ug/L	99
52) Ethylbenzene	9.563	91	174177	5.089	ug/L	99
53) m,p-Xylene	9.685	106	66834	5.288	ug/L	100
54) o-Xylene	10.094	106	62830	5.112	ug/L	98
55) Styrene	10.106	104	106747	5.269	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	31722	5.237	ug/L #	98
59) Bromoform	10.283	173	20643	5.754	ug/L	100
60) Isopropylbenzene	10.476	105	173677	5.266	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	22427	5.312	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	144983	5.195	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	143931	5.263	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	79542	5.250	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	77665	5.091	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	75059	5.361	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5134	5.575	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	57847	5.137	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	44571	5.013	ug/L	98
71) Naphthalene	14.081	128	61620	4.615	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	38180	4.869	ug/L	100

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

