

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110524\
 Data File : VU061445.D
 Acq On : 05 Nov 2024 09:41
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005122

Quant Time: Nov 05 23:55:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 05 04:38:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156134	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	148527	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73002	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40545	3.823	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.911	69	41612	4.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.560	65	19296	4.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.628	46	106226	49.330	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.660%
24) Chloroform-d	5.055	84	101998	5.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.695	65	48329	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.718	84	193232	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.682	67	58982	4.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.891	98	182716	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.174	79	21584	4.202	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.624	63	96897	46.063	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.120%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46694	4.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	60431	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.383	85	53250	5.116	ug/L	97
3) Chloromethane	1.515	50	48331	4.403	ug/L	99
5) Vinyl chloride	1.599	62	56316	4.666	ug/L	99
6) Bromomethane	1.853	94	38023	4.755	ug/L	100
8) Chloroethane	1.930	64	40781	4.590	ug/L	99
9) Trichlorofluoromethane	2.132	101	85310	5.204	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	53176	5.463	ug/L	97
12) 1,1-Dichloroethene	2.573	96	47713	5.169	ug/L	94
13) Acetone	2.644	43	70880	51.969	ug/L	98
14) Carbon disulfide	2.788	76	129861	4.217	ug/L	99
15) Methyl Acetate	2.952	43	17734	5.251	ug/L	97
16) Methylene chloride	3.039	84	54776	5.036	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	125954	5.034	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	51351	5.031	ug/L	96
19) 1,1-Dichloroethane	3.859	63	100782	5.235	ug/L	99
21) 2-Butanone	4.705	43	110399	51.059	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	61196	5.249	ug/L	97
23) Bromochloromethane	4.968	128	27446	5.594	ug/L	96
25) Chloroform	5.078	83	107515	5.312	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	66516	5.200	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	89456	4.918	ug/L	99
30) Cyclohexane	5.380	56	83298	4.566	ug/L	100
31) Carbon tetrachloride	5.518	117	74973	4.817	ug/L	98
33) Benzene	5.766	78	235586	5.129	ug/L	100
34) Trichloroethene	6.534	95	64292	5.145	ug/L	99
35) Methylcyclohexane	6.756	83	94282	4.741	ug/L	98
37) 1,2-Dichloropropane	6.782	63	61969	5.322	ug/L	100
38) Bromodichloromethane	7.097	83	74209	5.036	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	88048	4.896	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	293599	50.666	ug/L	100
42) Toluene	7.962	91	260835	5.229	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	68694	4.688	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	45081	5.380	ug/L	98
47) Tetrachloroethene	8.547	164	50097	5.740	ug/L	99
48) 2-Hexanone	8.676	43	212976	51.974	ug/L	99
49) Dibromochloromethane	8.801	129	47089	4.955	ug/L	98
50) 1,2-Dibromoethane	8.917	107	41724	5.126	ug/L	94
51) Chlorobenzene	9.441	112	164884	5.229	ug/L	99
52) Ethylbenzene	9.563	91	279133	5.087	ug/L	99
53) m,p-Xylene	9.688	106	105994	5.071	ug/L	95
54) o-Xylene	10.094	106	103690	5.026	ug/L	99
55) Styrene	10.106	104	170776	5.164	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	53774	5.326	ug/L	99
59) Bromoform	10.283	173	24201	4.478	ug/L	100
60) Isopropylbenzene	10.476	105	279732	5.016	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	36931	5.078	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	219872	4.843	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	217230	4.841	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	126198	5.377	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	122408	5.116	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	113472	5.137	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6442	4.219	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	87091	5.413	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	67422	5.193	ug/L	98
71) Naphthalene	14.081	128	92711	4.525	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	55942	5.150	ug/L	99

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

