

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
 Data File : VU061104.D
 Acq On : 10 Oct 2024 21:11
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005102

Quant Time: Oct 11 06:54:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	163464	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	151685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40103	3.432	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.907	69	35410	4.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.560	65	17977	3.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.621	46	133305	47.619	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.240%
24) Chloroform-d	5.052	84	93677	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.692	65	48077	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.717	84	170281	4.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.682	67	57600	4.385	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.888	98	151370	4.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.174	79	23610	4.204	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.624	63	114421	49.223	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	45903	4.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	53621	4.530	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	36749	4.612	ug/L	99
3) Chloromethane	1.518	50	53056	4.611	ug/L	98
5) Vinyl chloride	1.602	62	57363	4.966	ug/L	96
6) Bromomethane	1.853	94	24659	4.002	ug/L	96
8) Chloroethane	1.930	64	37675	5.377	ug/L	98
9) Trichlorofluoromethane	2.132	101	76591	5.160	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	48223	4.919	ug/L	96
12) 1,1-Dichloroethene	2.573	96	48969	5.188	ug/L	93
13) Acetone	2.637	43	90525	50.281	ug/L	96
14) Carbon disulfide	2.788	76	159075	4.959	ug/L	100
15) Methyl Acetate	2.949	43	22042	5.028	ug/L	99
16) Methylene chloride	3.039	84	58854	5.431	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	147470	5.460	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	53091	5.131	ug/L	92
19) 1,1-Dichloroethane	3.859	63	108025	5.365	ug/L	97
21) 2-Butanone	4.701	43	151992	51.282	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	61838	5.366	ug/L	94
23) Bromochloromethane	4.965	128	26041	5.614	ug/L	# 92
25) Chloroform	5.078	83	110128	5.460	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	69365	5.221	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	89945	5.124	ug/L	97
30) Cyclohexane	5.380	56	88982	4.551	ug/L	96
31) Carbon tetrachloride	5.515	117	76383	5.128	ug/L	99
33) Benzene	5.766	78	240357	5.375	ug/L	100
34) Trichloroethene	6.534	95	61394	5.065	ug/L	98
35) Methylcyclohexane	6.753	83	91394	4.669	ug/L	99
37) 1,2-Dichloropropane	6.782	63	63963	5.428	ug/L #	97
38) Bromodichloromethane	7.097	83	80476	5.463	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	96024	5.197	ug/L	97
40) 4-Methyl-2-pentanone	7.778	43	400575	53.072	ug/L	96
42) Toluene	7.962	91	250559	5.260	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	80873	5.293	ug/L	96
45) 1,1,2-Trichloroethane	8.389	97	42358	5.424	ug/L	96
47) Tetrachloroethene	8.544	164	42545	5.393	ug/L	98
48) 2-Hexanone	8.675	43	286802	54.808	ug/L	94
49) Dibromochloromethane	8.801	129	51248	5.640	ug/L	98
50) 1,2-Dibromoethane	8.917	107	41599	5.627	ug/L	98
51) Chlorobenzene	9.438	112	155474	5.358	ug/L	95
52) Ethylbenzene	9.563	91	276883	5.129	ug/L	98
53) m,p-Xylene	9.685	106	99566	5.056	ug/L	89
54) o-Xylene	10.090	106	99818	5.152	ug/L	93
55) Styrene	10.106	104	163739	5.236	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.772	83	54878	5.592	ug/L	97
59) Bromoform	10.283	173	27896	5.491	ug/L #	99
60) Isopropylbenzene	10.476	105	245532	4.960	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	37964	5.221	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	216943	4.973	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	217925	4.949	ug/L	98
64) 1,3-Dichlorobenzene	11.736	146	114069	5.376	ug/L	97
65) 1,4-Dichlorobenzene	11.826	146	112096	5.344	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	106005	5.405	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	8303	5.236	ug/L	86
69) 1,3,5-Trichlorobenzene	13.209	180	82023	5.490	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	68628	5.994	ug/L	97
71) Naphthalene	14.080	128	138634	7.412	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	57667	6.052	ug/L	97

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

