

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
 Data File : VU061421.D
 Acq On : 04 Nov 2024 21:04
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005120

Quant Time: Nov 04 21:34:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	154196	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	147096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	47388	4.524	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.907	69	53716	5.594	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.560	65	20948	4.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.621	46	132481	62.296	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.600%
24) Chloroform-d	5.052	84	107620	5.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.692	65	55439	5.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.800%
32) Benzene-d6	5.718	84	213017	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.682	67	64289	5.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.891	98	191824	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.174	79	24935	4.902	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.624	63	122325	58.716	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	55035	5.840	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	65135	5.148	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.383	85	49969	4.861	ug/L	100
3) Chloromethane	1.515	50	48621	4.485	ug/L	100
5) Vinyl chloride	1.599	62	57393	4.815	ug/L	99
6) Bromomethane	1.853	94	45479	5.758	ug/L	99
8) Chloroethane	1.927	64	47045	5.361	ug/L	99
9) Trichlorofluoromethane	2.133	101	81902	5.059	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48258	5.020	ug/L	99
12) 1,1-Dichloroethene	2.573	96	45330	4.972	ug/L	91
13) Acetone	2.634	43	77827	57.780	ug/L	98
14) Carbon disulfide	2.785	76	128810	4.235	ug/L	99
15) Methyl Acetate	2.949	43	19438	5.828	ug/L	96
16) Methylene chloride	3.036	84	55976	5.211	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	139039	5.627	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	50833	5.043	ug/L	98
19) 1,1-Dichloroethane	3.859	63	101291	5.328	ug/L	98
21) 2-Butanone	4.702	43	132447	62.026	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	61770	5.365	ug/L	97
23) Bromochloromethane	4.968	128	28482	5.879	ug/L	96
25) Chloroform	5.078	83	108375	5.421	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	70673	5.594	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	89090	4.946	ug/L	99
30) Cyclohexane	5.380	56	77802	4.306	ug/L	97
31) Carbon tetrachloride	5.515	117	73722	4.783	ug/L	100
33) Benzene	5.766	78	234249	5.149	ug/L	100
34) Trichloroethene	6.534	95	60623	4.899	ug/L	99
35) Methylcyclohexane	6.753	83	85920	4.362	ug/L	100
37) 1,2-Dichloropropane	6.782	63	61935	5.371	ug/L	100
38) Bromodichloromethane	7.097	83	75207	5.154	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	90385	5.075	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	338532	58.989	ug/L	100
42) Toluene	7.962	91	247735	5.015	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	72626	5.005	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	46619	5.618	ug/L	97
47) Tetrachloroethene	8.547	164	43537	5.037	ug/L	99
48) 2-Hexanone	8.676	43	249630	61.512	ug/L	100
49) Dibromochloromethane	8.801	129	48758	5.181	ug/L	98
50) 1,2-Dibromoethane	8.917	107	43933	5.450	ug/L	91
51) Chlorobenzene	9.441	112	160940	5.154	ug/L	99
52) Ethylbenzene	9.563	91	264590	4.869	ug/L	100
53) m,p-Xylene	9.689	106	100400	4.850	ug/L	93
54) o-Xylene	10.094	106	99744	4.882	ug/L	96
55) Styrene	10.107	104	166768	5.092	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	58037	5.804	ug/L	100
59) Bromoform	10.283	173	26851	5.077	ug/L	99
60) Isopropylbenzene	10.476	105	260303	4.769	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	40816	5.734	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	208849	4.700	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	206980	4.712	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	118385	5.153	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	116644	4.981	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	111888	5.175	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	8081	5.407	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	81425	5.171	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	69424	5.463	ug/L	97
71) Naphthalene	14.081	128	116772	5.823	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	62215	5.852	ug/L	99

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

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