

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110124\
 Data File : VU061394.D
 Acq On : 02 Nov 2024 05:20
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005118

Quant Time: Nov 04 05:10:07 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	147433	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	131758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	61038	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46000	4.593	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.907	69	50573	5.508	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.200%
11) 1,1-Dichloroethene-d2	2.560	65	18908	4.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.624	46	119205	58.624	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.240%
24) Chloroform-d	5.052	84	105460	5.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	5.695	65	53317	5.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.717	84	206611	5.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.400%
36) 1,2-Dichloropropane-d6	6.682	67	63433	5.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.600%
41) Toluene-d8	7.891	98	176617	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.174	79	22871	5.020	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.624	63	104798	56.159	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50031	5.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	57987	5.365	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.383	85	41049	4.176	ug/L	99
3) Chloromethane	1.515	50	48640	4.693	ug/L	100
5) Vinyl chloride	1.599	62	52065	4.569	ug/L	97
6) Bromomethane	1.853	94	40798	5.403	ug/L	96
8) Chloroethane	1.930	64	45306	5.400	ug/L	98
9) Trichlorofluoromethane	2.132	101	68937	4.454	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	37294	4.058	ug/L	98
12) 1,1-Dichloroethene	2.573	96	40822	4.683	ug/L	96
13) Acetone	2.637	43	69261	53.779	ug/L	97
14) Carbon disulfide	2.788	76	113298	3.896	ug/L	99
15) Methyl Acetate	2.949	43	17450	5.472	ug/L	99
16) Methylene chloride	3.036	84	55115	5.366	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	130655	5.531	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	46887	4.865	ug/L	95
19) 1,1-Dichloroethane	3.859	63	96337	5.299	ug/L	98
21) 2-Butanone	4.701	43	117663	57.630	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	59449	5.400	ug/L	98
23) Bromochloromethane	4.965	128	26908	5.808	ug/L	96
25) Chloroform	5.078	83	102286	5.351	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	66033	5.467	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	77951	4.831	ug/L	99
30) Cyclohexane	5.380	56	59481	3.676	ug/L	98
31) Carbon tetrachloride	5.515	117	60587	4.389	ug/L	97
33) Benzene	5.766	78	214842	5.272	ug/L	100
34) Trichloroethene	6.534	95	53912	4.864	ug/L	98
35) Methylcyclohexane	6.756	83	64093	3.633	ug/L	98
37) 1,2-Dichloropropane	6.782	63	56527	5.473	ug/L	100
38) Bromodichloromethane	7.097	83	70899	5.424	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	78141	4.898	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	304095	59.156	ug/L	100
42) Toluene	7.962	91	218762	4.944	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	63519	4.887	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	43876	5.903	ug/L	97
47) Tetrachloroethene	8.544	164	34584	4.467	ug/L	99
48) 2-Hexanone	8.676	43	221212	60.855	ug/L	100
49) Dibromochloromethane	8.801	129	44898	5.326	ug/L	94
50) 1,2-Dibromoethane	8.917	107	41389	5.732	ug/L	99
51) Chlorobenzene	9.441	112	141582	5.062	ug/L	97
52) Ethylbenzene	9.563	91	220858	4.537	ug/L	99
53) m,p-Xylene	9.685	106	83394	4.497	ug/L	99
54) o-Xylene	10.094	106	85222	4.657	ug/L	97
55) Styrene	10.106	104	141786	4.833	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	51520	5.752	ug/L	99
59) Bromoform	10.283	173	23716	5.249	ug/L	98
60) Isopropylbenzene	10.476	105	206061	4.419	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	36941	6.076	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	168076	4.428	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	166801	4.445	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	97581	4.972	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	97081	4.853	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	95671	5.180	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	6772	5.304	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	65867	4.896	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	55003	5.067	ug/L	98
71) Naphthalene	14.080	128	95916	5.599	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	49373	5.436	ug/L	99

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

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