Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081324\
Data File : VU060415.D
Acq On : 13 Aug 2024 10:14
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

Quant Time: Aug 14 01:15:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 13 16:28:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	85499	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	85926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	44904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22077	3.290	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.800%			
7) Chloroethane-d5	1.910	69	23120	3.820	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.400%			
11) 1,1-Dichloroethene-d2	2.563	65	9776	3.423	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.400%			
20) 2-Butanone-d5	4.637	46	79788	56.019	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.040%			
24) Chloroform-d	5.055	84	60611	4.561	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.200%			
26) 1,2-Dichloroethane-d4	5.695	65	29940	4.859	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.200%			
32) Benzene-d6	5.721	84	105831	4.084	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	6.685	67	37379	4.650	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.000%			
41) Toluene-d8	7.891	98	95745	4.138	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.800%			
43) trans-1,3-Dichloroprop...	8.177	79	11549	4.444	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.800%			
46) 2-Hexanone-d5	8.627	63	64817	56.206	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.420%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	33542	5.086	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	38689	4.677	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	23748	5.149	ug/L	100
3) Chloromethane	1.518	50	28089	4.896	ug/L	98
5) Vinyl chloride	1.602	62	32504	4.839	ug/L	97
6) Bromomethane	1.856	94	23359	4.911	ug/L	95
8) Chloroethane	1.930	64	22434	4.924	ug/L	97
9) Trichlorofluoromethane	2.132	101	51364	5.455	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30166	4.861	ug/L	98
12) 1,1-Dichloroethene	2.576	96	27536	4.884	ug/L #	83
13) Acetone	2.650	43	45467	46.747	ug/L	96
14) Carbon disulfide	2.788	76	64174	4.512	ug/L	100
15) Methyl Acetate	2.959	43	12362	6.134	ug/L #	89
16) Methylene chloride	3.039	84	36359	4.537	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	76817	5.780	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	28213	5.102	ug/L	94
19) 1,1-Dichloroethane	3.859	63	61930	5.424	ug/L	99
21) 2-Butanone	4.714	43	78010	53.814	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	35660	5.341	ug/L	97
23) Bromochloromethane	4.968	128	16883	5.479	ug/L	94
25) Chloroform	5.081	83	67774	5.456	ug/L	96

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

Quant Time: Aug 14 01:15:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	40452	6.123	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	54103	5.752	ug/L	98
30) Cyclohexane	5.380	56	36549	4.800	ug/L	98
31) Carbon tetrachloride	5.518	117	46421	5.631	ug/L	98
33) Benzene	5.769	78	133142	5.382	ug/L	100
34) Trichloroethene	6.537	95	33962	5.244	ug/L	99
35) Methylcyclohexane	6.756	83	39995	4.730	ug/L	99
37) 1,2-Dichloropropane	6.785	63	37931	5.634	ug/L	99
38) Bromodichloromethane	7.100	83	47751	5.738	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	47559	5.200	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	198678	63.215	ug/L	99
42) Toluene	7.962	91	144389	5.523	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	40426	5.351	ug/L	94
45) 1,1,2-Trichloroethane	8.393	97	28993	5.623	ug/L	96
47) Tetrachloroethene	8.547	164	25467	5.028	ug/L	97
48) 2-Hexanone	8.679	43	146386	61.441	ug/L	98
49) Dibromochloromethane	8.801	129	32828	5.987	ug/L	93
50) 1,2-Dibromoethane	8.917	107	26095	5.685	ug/L	97
51) Chlorobenzene	9.441	112	95354	5.407	ug/L	98
52) Ethylbenzene	9.563	91	146541	5.321	ug/L	98
53) m,p-Xylene	9.688	106	57889	5.531	ug/L	99
54) o-Xylene	10.093	106	56749	5.666	ug/L	99
55) Styrene	10.110	104	99928	5.766	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	37476	5.845	ug/L	98
59) Bromoform	10.283	173	19842	5.819	ug/L	99
60) Isopropylbenzene	10.476	105	148193	5.466	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	25779	5.930	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	114835	5.501	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	115692	5.624	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	77700	5.623	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	75616	5.429	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	72210	5.534	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	5207	6.389	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	53647	5.137	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	41797	5.098	ug/L	99
71) Naphthalene	14.080	128	59572	5.110	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	37417	5.094	ug/L	98

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

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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