Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090424\
Data File : VU060595.D
Acq On : 04 Sep 2024 10:32
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

Quant Time: Sep 05 03:51:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 29 23:12:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	138618	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75624	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42761	6.984	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 139.600%#			
7) Chloroethane-d5	1.911	69	39645	4.274	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.400%			
11) 1,1-Dichloroethene-d2	2.560	65	18749	5.196	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.000%			
20) 2-Butanone-d5	4.634	46	106658	50.660	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.320%			
24) Chloroform-d	5.058	84	96059	5.503	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.000%			
26) 1,2-Dichloroethane-d4	5.695	65	47727	5.240	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.800%			
32) Benzene-d6	5.721	84	179296	5.558	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.200%			
36) 1,2-Dichloropropane-d6	6.685	67	57252	5.501	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.000%			
41) Toluene-d8	7.891	98	166567	5.504	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.000%			
43) trans-1,3-Dichloroprop...	8.174	79	19196	5.154	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.000%			
46) 2-Hexanone-d5	8.631	63	80846	45.336	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.680%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	45148	4.875	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	55785	5.003	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	78392	4.984	ug/L	99
3) Chloromethane	1.518	50	84359	6.189	ug/L	100
5) Vinyl chloride	1.602	62	82958	6.182	ug/L	98
6) Bromomethane	1.856	94	52101	3.858	ug/L	99
8) Chloroethane	1.933	64	48295	3.944	ug/L	97
9) Trichlorofluoromethane	2.136	101	112508	3.856	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60535	4.904	ug/L	95
12) 1,1-Dichloroethene	2.576	96	53638	4.721	ug/L	94
13) Acetone	2.650	43	90064	51.123	ug/L	97
14) Carbon disulfide	2.788	76	179783	4.877	ug/L	100
15) Methyl Acetate	2.956	43	22173	6.155	ug/L	94
16) Methylene chloride	3.039	84	63951	5.795	ug/L	88
17) Methyl tert-butyl Ether	3.358	73	119040	5.163	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	57180	5.781	ug/L	98
19) 1,1-Dichloroethane	3.862	63	113623	5.669	ug/L	94
21) 2-Butanone	4.714	43	140331	58.247	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	60129	5.456	ug/L	99
23) Bromochloromethane	4.968	128	28234	5.637	ug/L	92
25) Chloroform	5.081	83	115391	5.440	ug/L	99

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

Quant Time: Sep 05 03:51:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 29 23:12:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	71038	4.990	ug/L		100
29) 1,1,1-Trichloroethane	5.309	97	99670	4.933	ug/L		99
30) Cyclohexane	5.383	56	84603	5.058	ug/L		98
31) Carbon tetrachloride	5.515	117	89954	4.817	ug/L		99
33) Benzene	5.769	78	245353	5.244	ug/L		100
34) Trichloroethene	6.538	95	65601	5.172	ug/L		95
35) Methylcyclohexane	6.756	83	90296	5.189	ug/L		99
37) 1,2-Dichloropropane	6.782	63	68267	5.694	ug/L		99
38) Bromodichloromethane	7.100	83	82510	5.237	ug/L		97
39) cis-1,3-Dichloropropene	7.602	75	90139	5.128	ug/L		98
40) 4-Methyl-2-pentanone	7.785	43	346350	55.468	ug/L		99
42) Toluene	7.965	91	273694	5.535	ug/L		97
44) trans-1,3-Dichloropropene	8.206	75	77000	5.336	ug/L		96
45) 1,1,2-Trichloroethane	8.393	97	47065	5.419	ug/L		98
47) Tetrachloroethene	8.547	164	49694	4.780	ug/L		96
48) 2-Hexanone	8.679	43	257363	55.074	ug/L		99
49) Dibromochloromethane	8.801	129	53344	5.305	ug/L		98
50) 1,2-Dibromoethane	8.917	107	45342	5.687	ug/L	#	94
51) Chlorobenzene	9.441	112	165855	5.182	ug/L		99
52) Ethylbenzene	9.563	91	267998	5.115	ug/L		98
53) m,p-Xylene	9.689	106	107022	5.494	ug/L		96
54) o-Xylene	10.094	106	101141	5.072	ug/L		98
55) Styrene	10.110	104	177055	5.418	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.775	83	58600	5.285	ug/L	#	98
59) Bromoform	10.283	173	32103	5.165	ug/L		98
60) Isopropylbenzene	10.476	105	266475	5.274	ug/L		100
61) 1,2,3-Trichloropropane	10.814	75	41439	5.681	ug/L		94
62) 1,3,5-Trimethylbenzene	11.081	105	198848	5.281	ug/L		96
63) 1,2,4-Trimethylbenzene	11.460	105	207153	5.393	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	131868	5.333	ug/L		98
65) 1,4-Dichlorobenzene	11.830	146	130660	5.208	ug/L		99
67) 1,2-Dichlorobenzene	12.206	146	118507	5.109	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.987	75	8381	5.090	ug/L		90
69) 1,3,5-Trichlorobenzene	13.212	180	90169	4.729	ug/L		98
70) 1,2,4-trichlorobenzene	13.833	180	63722	4.143	ug/L		100
71) Naphthalene	14.084	128	79712	4.056	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	56702	4.405	ug/L		99

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

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ALS Vial : 2 Sample Multiplier: 1

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