Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058797.D
Acq On : 25 Apr 2024 10:05
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

Quant Time: Apr 26 02:09:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 24 00:34:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	74168	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69416	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	34763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19627	3.364	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.200%			
7) Chloroethane-d5	1.904	69	14987	3.409	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 68.200%			
11) 1,1-Dichloroethene-d2	2.557	65	12156	4.139	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.800%			
20) 2-Butanone-d5	4.621	46	40933	39.935	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.880%			
24) Chloroform-d	5.052	84	57535	4.824	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
26) 1,2-Dichloroethane-d4	5.692	65	28484	4.927	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
32) Benzene-d6	5.718	84	97182	4.398	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	6.682	67	27429	4.162	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.200%			
41) Toluene-d8	7.891	98	90250	4.563	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.200%			
43) trans-1,3-Dichloroprop...	8.174	79	10883	4.536	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.800%			
46) 2-Hexanone-d5	8.624	63	29398	41.348	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.700%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	17138	4.270	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	30336	5.007	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	43148	5.312	ug/L	98
3) Chloromethane	1.512	50	23991	3.773	ug/L	99
5) Vinyl chloride	1.596	62	25392	3.936	ug/L	97
6) Bromomethane	1.850	94	17091	4.477	ug/L	93
8) Chloroethane	1.927	64	14192	3.906	ug/L	96
9) Trichlorofluoromethane	2.129	101	53918	5.340	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	31220	5.187	ug/L	95
12) 1,1-Dichloroethene	2.570	96	25838	4.784	ug/L	96
13) Acetone	2.637	43	33272	46.967	ug/L	99
14) Carbon disulfide	2.785	76	83078	4.522	ug/L	99
15) Methyl Acetate	2.946	43	7347	4.326	ug/L	100
16) Methylene chloride	3.033	84	30105	5.179	ug/L	95
17) Methyl tert-butyl Ether	3.348	73	59162	4.838	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	26897	4.972	ug/L	96
19) 1,1-Dichloroethane	3.856	63	54482	4.755	ug/L	96
21) 2-Butanone	4.702	43	42357	38.023	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	28921	4.866	ug/L	96
23) Bromochloromethane	4.965	128	11956	5.138	ug/L	88
25) Chloroform	5.074	83	60570	5.086	ug/L	98

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

Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

Quant Time: Apr 26 02:09:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 24 00:34:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	38245	5.368	ug/L		96
29) 1,1,1-Trichloroethane	5.306	97	59430	5.736	ug/L		98
30) Cyclohexane	5.380	56	43408	4.439	ug/L		88
31) Carbon tetrachloride	5.515	117	54488	5.950	ug/L		98
33) Benzene	5.763	78	117376	4.887	ug/L		100
34) Trichloroethene	6.534	95	34258	5.242	ug/L		99
35) Methylcyclohexane	6.756	83	48661	4.900	ug/L		95
37) 1,2-Dichloropropane	6.779	63	28303	4.512	ug/L		98
38) Bromodichloromethane	7.097	83	41048	5.282	ug/L		99
39) cis-1,3-Dichloropropene	7.598	75	42956	4.946	ug/L		99
40) 4-Methyl-2-pentanone	7.782	43	118340	42.738	ug/L		98
42) Toluene	7.962	91	126918	5.113	ug/L		97
44) trans-1,3-Dichloropropene	8.203	75	34837	5.210	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	18338	5.080	ug/L		96
47) Tetrachloroethene	8.547	164	25822	5.630	ug/L		96
48) 2-Hexanone	8.676	43	81118	41.240	ug/L		98
49) Dibromochloromethane	8.801	129	24020	5.682	ug/L		96
50) 1,2-Dibromoethane	8.917	107	16891	5.086	ug/L		95
51) Chlorobenzene	9.441	112	77919	5.153	ug/L		98
52) Ethylbenzene	9.563	91	142997	5.224	ug/L		99
53) m,p-Xylene	9.688	106	52996	5.271	ug/L		96
54) o-Xylene	10.094	106	51881	5.443	ug/L		95
55) Styrene	10.106	104	84268	5.427	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.775	83	19101	4.540	ug/L	#	98
59) Bromoform	10.283	173	12812	5.262	ug/L		99
60) Isopropylbenzene	10.476	105	145818	5.288	ug/L		99
61) 1,2,3-Trichloropropane	10.814	75	15704	4.963	ug/L		98
62) 1,3,5-Trimethylbenzene	11.081	105	122162	5.323	ug/L		99
63) 1,2,4-Trimethylbenzene	11.460	105	118777	5.470	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	63016	5.302	ug/L		98
65) 1,4-Dichlorobenzene	11.830	146	61049	5.264	ug/L		98
67) 1,2-Dichlorobenzene	12.206	146	54171	5.265	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3253	5.949	ug/L		95
69) 1,3,5-Trichlorobenzene	13.212	180	47489	5.585	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	31599	5.346	ug/L		100
71) Naphthalene	14.081	128	31658	4.427	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	24427	5.214	ug/L		98

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

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Acq On : 25 Apr 2024 10:05
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

Quant Time: Apr 26 02:09:37 2024
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