Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
Data File : VU059641.D
Acq On : 28 Jun 2024 23:26
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

Quant Time: Jun 29 00:02:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 28 23:55:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	158461	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	162636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86859	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40166	3.645	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.000%			
7) Chloroethane-d5	1.907	69	43912	4.142	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.800%			
11) 1,1-Dichloroethene-d2	2.560	65	17860	3.907	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.200%			
20) 2-Butanone-d5	4.621	46	123296	54.323	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.640%			
24) Chloroform-d	5.055	84	102938	4.551	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
26) 1,2-Dichloroethane-d4	5.695	65	50976	4.679	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
32) Benzene-d6	5.717	84	202020	4.513	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
36) 1,2-Dichloropropane-d6	6.682	67	60939	4.443	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.800%			
41) Toluene-d8	7.891	98	188843	4.538	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.800%			
43) trans-1,3-Dichloroprop...	8.174	79	20690	4.817	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.400%			
46) 2-Hexanone-d5	8.627	63	107129	60.033	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.060%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	57301	5.056	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	72267	4.675	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	60076	4.474	ug/L	99
3) Chloromethane	1.515	50	65734	4.549	ug/L	98
5) Vinyl chloride	1.599	62	75104	4.705	ug/L	100
6) Bromomethane	1.853	94	44940	4.049	ug/L	98
8) Chloroethane	1.930	64	47887	4.978	ug/L	99
9) Trichlorofluoromethane	2.132	101	92901	4.834	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58557	4.814	ug/L	94
12) 1,1-Dichloroethene	2.573	96	54112	4.815	ug/L	87
13) Acetone	2.634	43	77274	52.485	ug/L	92
14) Carbon disulfide	2.785	76	172161	4.591	ug/L	98
15) Methyl Acetate	2.949	43	19730	5.078	ug/L #	86
16) Methylene chloride	3.039	84	69241	5.199	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	125238	5.171	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	57018	4.878	ug/L	90
19) 1,1-Dichloroethane	3.859	63	104092	4.830	ug/L	97
21) 2-Butanone	4.698	43	131121	55.524	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	62873	4.880	ug/L	94
23) Bromochloromethane	4.968	128	30773	5.240	ug/L	89
25) Chloroform	5.078	83	111903	4.929	ug/L	99

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

Quant Time: Jun 29 00:02:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 28 23:55:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68066	4.948	ug/L		97
29) 1,1,1-Trichloroethane	5.309	97	90982	4.844	ug/L		98
30) Cyclohexane	5.380	56	80019	4.826	ug/L		96
31) Carbon tetrachloride	5.515	117	77845	4.950	ug/L		97
33) Benzene	5.766	78	246154	4.984	ug/L		100
34) Trichloroethene	6.537	95	65262	4.879	ug/L		96
35) Methylcyclohexane	6.756	83	89941	4.726	ug/L		94
37) 1,2-Dichloropropane	6.785	63	63942	5.003	ug/L	#	97
38) Bromodichloromethane	7.100	83	79770	5.000	ug/L		99
39) cis-1,3-Dichloropropene	7.602	75	85543	4.894	ug/L		99
40) 4-Methyl-2-pentanone	7.782	43	327933	55.372	ug/L	#	95
42) Toluene	7.962	91	266756	5.102	ug/L		98
44) trans-1,3-Dichloropropene	8.203	75	71376	5.088	ug/L		98
45) 1,1,2-Trichloroethane	8.393	97	49749	5.282	ug/L		99
47) Tetrachloroethene	8.547	164	52778	5.085	ug/L		91
48) 2-Hexanone	8.675	43	241005	57.020	ug/L	#	94
49) Dibromochloromethane	8.801	129	54084	5.184	ug/L		100
50) 1,2-Dibromoethane	8.917	107	46553	5.352	ug/L	#	98
51) Chlorobenzene	9.441	112	165510	4.991	ug/L		95
52) Ethylbenzene	9.563	91	265845	4.956	ug/L		97
53) m,p-Xylene	9.688	106	103121	5.006	ug/L		97
54) o-Xylene	10.093	106	99113	5.070	ug/L		99
55) Styrene	10.110	104	175909	5.285	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.775	83	63105	5.523	ug/L		99
59) Bromoform	10.283	173	34323	5.163	ug/L	#	97
60) Isopropylbenzene	10.479	105	263166	4.905	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	42046	5.238	ug/L		95
62) 1,3,5-Trimethylbenzene	11.084	105	197448	4.645	ug/L		97
63) 1,2,4-Trimethylbenzene	11.463	105	196680	4.840	ug/L		98
64) 1,3-Dichlorobenzene	11.740	146	134866	4.942	ug/L		100
65) 1,4-Dichlorobenzene	11.830	146	136219	4.849	ug/L		99
67) 1,2-Dichlorobenzene	12.206	146	128036	4.986	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.990	75	8598	5.492	ug/L	#	88
69) 1,3,5-Trichlorobenzene	13.212	180	94951	4.700	ug/L		97
70) 1,2,4-trichlorobenzene	13.836	180	77345	4.991	ug/L		99
71) Naphthalene	14.084	128	107163	4.832	ug/L		97
72) 1,2,3-Trichlorobenzene	14.325	180	71675	4.981	ug/L		99

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

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