Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015956.D
Acq On : 19 Aug 2021 03:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020257

Manual Integrations APPROVED
mohammad
8/19/2021 1:26:07 PM

Quant Time: Aug 19 04:32:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 17 09:43:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	311302	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1327791	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.546	164	851107	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1757335	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1689690	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	1662963	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	58085	7.268	ng/uL	0.00
4) Pyridine-d5	3.746	84	424485	19.005	ng/ul	0.00
7) Phenol-d5	7.058	99	547399	19.440	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	327447	18.887	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	424238	21.173	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	442849	20.220	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	203993	20.874	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	224409	24.535	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	430380	21.745	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	596426	19.797	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1278487	20.497	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	1533680	19.634	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	212374	19.250	ng/ul	0.00
60) Fluorene-d10	15.540	176	1095399	20.133	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	167893	17.889	ng/ul	0.00
73) Anthracene-d10	17.392	188	1663687	20.198	ng/ul	0.00
81) Pyrene-d10	19.686	212	1851745	20.346	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.745	264	1811505	20.147	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	63865	7.774	ng/uL	92
5) Pyridine	3.764	79	427010	18.543	ng/ul	95
6) Benzaldehyde	7.034	77	253571m	17.501	ng/ul	
8) Phenol	7.087	94	570853	19.886	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.322	93	440898	19.605	ng/ul	97
12) 2-Chlorophenol	7.464	128	437669	21.251	ng/ul	98
13) 2-Methylphenol	8.346	108	422716	20.103	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.434	45	555135	19.329	ng/ul	97
16) Acetophenone	8.722	105	712729	20.166	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.711	70	368799	21.368	ng/ul	98
18) 4-Methylphenol	8.675	108	464770	20.652	ng/ul	93
19) Hexachloroethane	8.981	117	190216	20.338	ng/ul	96
22) Nitrobenzene	9.105	77	560035	20.266	ng/ul	99
23) Isophorone	9.628	82	1013951	21.091	ng/ul	99
25) 2-Nitrophenol	9.822	139	241922	24.255	ng/ul	96
26) 2,4-Dimethylphenol	9.881	107	535034	20.083	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.116	93	610231	20.665	ng/ul	99
29) 2,4-Dichlorophenol	10.352	162	420534	21.550	ng/ul	96
30) Naphthalene	10.757	128	1464758	20.597	ng/ul	98
32) 4-Chloroaniline	10.869	127	593669	19.959	ng/ul	97
33) Hexachlorobutadiene	11.052	225	297237	19.824	ng/ul	97
34) Caprolactam	11.634	113	137192	22.439	ng/ul	90
35) 4-Chloro-3-methylphenol	11.999	107	511016	22.108	ng/ul	98
36) 2-Methylnaphthalene	12.369	142	1005826	20.339	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	958300	19.468	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.740	216	548363	19.916	ng/ul	97
40) Hexachlorocyclopentadiene	12.722	237	285405	15.988	ng/ul	98
41) 2,4,6-Trichlorophenol	12.981	196	339093	22.523	ng/ul	95
42) 2,4,5-Trichlorophenol	13.051	196	359322	21.860	ng/ul	99
43) 1,1'-Biphenyl	13.381	154	1318517	20.034	ng/ul	98
44) 2-Chloronaphthalene	13.422	162	1047890	20.620	ng/ul	99
45) 2-Nitroaniline	13.622	65	327615	22.752	ng/ul	94
47) Dimethylphthalate	14.004	163	1292561	20.904	ng/ul	98
48) 2,6-Dinitrotoluene	14.122	165	261620	23.364	ng/ul#	85
50) Acenaphthylene	14.269	152	1543167	20.781	ng/ul	98
51) 3-Nitroaniline	14.451	138	230741	19.165	ng/ul	94
52) Acenaphthene	14.610	153	1095659	20.399	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	94466	15.183	ng/ul	89
55) 4-Nitrophenol	14.757	109	210523	19.502	ng/ul	92
56) Dibenzofuran	14.945	168	1515800	20.413	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	380032	23.563	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.169	232	313318	23.036	ng/ul	97
59) Diethylphthalate	15.369	149	1326500	21.454	ng/ul	98
61) Fluorene	15.598	166	1256571	20.737	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.592	204	659219	20.863	ng/ul	96
63) 4-Nitroaniline	15.610	138	232448	20.150	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.669	198	175453	18.796	ng/ul	97
67) N-Nitrosodiphenylamine	15.804	169	1058540	20.637	ng/ul	99
68) 4-Bromophenyl-phenylether	16.487	248	409621	21.721	ng/ul	93
69) Hexachlorobenzene	16.604	284	469297	21.296	ng/ul	94
70) Atrazine	16.757	200	395294	21.247	ng/ul	98
71) Pentachlorophenol	16.945	266	236446	19.125	ng/ul	98
72) Phenanthrene	17.339	178	1992501	20.856	ng/ul	98
74) Anthracene	17.428	178	2042390	20.940	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.346	216	546421	19.740	ng/uL	97
76) Pentachlorobenzene	14.869	250	544200	20.197	ng/uL	99
77) Carbazole	17.698	167	1691474	19.725	ng/ul	98
78) Di-n-butylphthalate	18.269	149	2150830	22.059	ng/ul	99
80) Fluoranthene	19.357	202	2325652	21.120	ng/ul	98
82) Pyrene	19.716	202	2347487	20.483	ng/ul	99
83) Butylbenzylphthalate	20.622	149	946776	24.566	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.398	252	632598	18.283	ng/ul	99
85) Benzo(a)anthracene	21.469	228	2223072	20.448	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.398	149	1434093	23.463	ng/ul	98
87) Chrysene	21.522	228	2134804	20.282	ng/ul	97
89) Di-n-octyl phthalate	22.333	149	2305156	21.901	ng/ul	100
90) Benzo(b)fluoranthene	23.169	252	2263192	20.700	ng/ul	98
91) Benzo(k)fluoranthene	23.216	252	2098366	19.277	ng/ul	98
93) Benzo(a)pyrene	23.798	252	2050702	20.721	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.427	276	2508560	20.442	ng/ul	98
95) Dibenzo(a,h)anthracene	26.439	278	2101231	20.741	ng/ul	99
96) Benzo(g,h,i)perylene	27.192	276	2072085	20.422	ng/ul	99

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

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