Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020123\
Data File : BN023891.D
Acq On : 01 Feb 2023 15:35
Operator : CG/JU
Sample : SSTD04062
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD040227

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2023
Supervised By :Yogesh Patel 02/02/2023

Quant Time: Feb 02 01:17:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 01:11:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	149625	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	628453	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	398849	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	877456	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	740530	20.000	ng/ul	0.00
88) Perylene-d12	23.833	264	702711	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	57030	15.537	ng/uL	0.00
4) Pyridine-d5	3.664	84	420184	40.565	ng/ul	0.00
7) Phenol-d5	7.028	99	525942	40.252	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	328015	39.723	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	421829	41.289	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	417758	40.305	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	208664	40.923	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	245418	42.301	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	446503	41.217	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	586572	39.690	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1291452	40.557	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	1429279	41.493	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	235312	40.760	ng/ul	0.01
60) Fluorene-d10	15.504	176	1078163	40.388	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	252533	40.672	ng/ul	0.00
73) Anthracene-d10	17.357	188	1657159	40.567	ng/ul	0.00
81) Pyrene-d10	19.651	212	1933121	42.997	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.692	264	1474239	40.421	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	58920	15.429	ng/uL#	89
5) Pyridine	3.681	79	418520	40.211	ng/ul	98
6) Benzaldehyde	6.993	77	266368	46.883	ng/ul	98
8) Phenol	7.058	94	528004	40.198	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.281	93	428629	40.053	ng/ul	99
12) 2-Chlorophenol	7.416	128	418764	40.506	ng/ul	98
13) 2-Methylphenol	8.310	108	404541	40.591	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.393	45	549056	39.669	ng/ul	99
16) Acetophenone	8.687	105	652710	40.661	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.681	70	355920	40.389	ng/ul	98
18) 4-Methylphenol	8.646	108	437111	40.491	ng/ul	99
19) Hexachloroethane	8.934	117	175852	40.614	ng/ul	98
22) Nitrobenzene	9.069	77	522246	40.799	ng/ul	99
23) Isophorone	9.599	82	994359	41.158	ng/ul	99
25) 2-Nitrophenol	9.781	139	253021	41.997	ng/ul	98
26) 2,4-Dimethylphenol	9.846	107	482874	40.473	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.081	93	593438	40.206	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	426598	40.809	ng/ul	99
30) Naphthalene	10.716	128	1344033	39.490	ng/ul	99
32) 4-Chloroaniline	10.834	127	589496	40.079	ng/ul	100
33) Hexachlorobutadiene	10.999	225	290244	39.622	ng/ul	98
34) Caprolactam	11.634	113	130806m	40.337	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	458810	40.947	ng/ul	99
36) 2-Methylnaphthalene	12.328	142	932198	40.310	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	951206	40.205	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.698	216	561918	41.003	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	402753	40.820	ng/ul	95
41) 2,4,6-Trichlorophenol	12.940	196	374036	41.366	ng/ul	97
42) 2,4,5-Trichlorophenol	13.016	196	405708	41.423	ng/ul	99
43) 1,1'-Biphenyl	13.340	154	1267572	40.330	ng/ul	99
44) 2-Chloronaphthalene	13.387	162	1010687	41.327	ng/ul	100
45) 2-Nitroaniline	13.598	65	311384	42.405	ng/ul	97
47) Dimethylphthalate	13.975	163	1282442	40.581	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	271169	43.280	ng/ul	94
50) Acenaphthylene	14.234	152	1507888	40.757	ng/ul	99
51) 3-Nitroaniline	14.428	138	242221	42.947	ng/ul	93
52) Acenaphthene	14.575	153	1019203	39.685	ng/ul	98
53) 2,4-Dinitrophenol	14.628	184	181300	41.162	ng/ul	95
55) 4-Nitrophenol	14.739	109	198284	40.401	ng/ul	97
56) Dibenzofuran	14.910	168	1462569	39.919	ng/ul	99
57) 2,4-Dinitrotoluene	14.881	165	376808	42.507	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.134	232	362435	41.494	ng/ul	95
59) Diethylphthalate	15.339	149	1266540	40.334	ng/ul	99
61) Fluorene	15.557	166	1188961	39.681	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.551	204	620183	39.455	ng/ul	97
63) 4-Nitroaniline	15.592	138	228804m	47.149	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.645	198	243204	40.682	ng/ul	100
67) N-Nitrosodiphenylamine	15.769	169	1028186	40.582	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	417008	40.578	ng/ul	94
69) Hexachlorobenzene	16.557	284	475682	40.065	ng/ul	95
70) Atrazine	16.728	200	421897	41.444	ng/ul	97
71) Pentachlorophenol	16.904	266	317216	41.730	ng/ul	99
72) Phenanthrene	17.298	178	1912791	40.476	ng/ul	99
74) Anthracene	17.392	178	1901008	40.360	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	559800	41.467	ng/uL	97
76) Pentachlorobenzene	14.828	250	553398	41.106	ng/uL	96
77) Carbazole	17.669	167	1684672	40.816	ng/ul	98
78) Di-n-butylphthalate	18.228	149	2320265	26.227	ng/ul	99
80) Fluoranthene	19.316	202	2275094	43.346	ng/ul	99
82) Pyrene	19.680	202	2243425	42.023	ng/ul	97
83) Butylbenzylphthalate	20.580	149	960114	43.122	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.369	252	741054	42.607	ng/ul	97
85) Benzo(a)anthracene	21.427	228	2084558	40.621	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.357	149	1409674	42.916	ng/ul	97
87) Chrysene	21.480	228	1936986	40.906	ng/ul	97
89) Di-n-octyl phthalate	22.280	149	2256515	42.684	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1909199	39.394	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	1785119	39.006	ng/ul	96
93) Benzo(a)pyrene	23.733	252	1607701	39.430	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.333	276	1910672	38.842	ng/ul	98
95) Dibenzo(a,h)anthracene	26.351	278	1611339	39.599	ng/ul	98
96) Benzo(g,h,i)perylene	27.115	276	1527253	39.422	ng/ul	99

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

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