Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
Data File : BN020123.D
Acq On : 11 Jun 2022 05:21
Operator : CG/JU
Sample : PB145445BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS445

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/13/2022
Supervised By :mohammad ahmed 06/14/2022

Quant Time: Jun 11 05:55:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 06 15:14:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	157514	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	740165	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	476835	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.187	188	962517	20.000	ng/ul	0.00
79) Chrysene-d12	21.375	240	782412	20.000	ng/ul	0.00
88) Perylene-d12	23.698	264	727033	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	25591	7.037	ng/uL	0.00
4) Pyridine-d5	3.687	84	355125	35.727	ng/ul	0.00
7) Phenol-d5	6.987	99	507574	38.943	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	305965	37.573	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	413497	39.045	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	441360	39.140	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	217810	38.680	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	239721	40.114	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	403628	38.689	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	627390	37.136	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	1293026	37.268	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	1489956	37.031	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.645	143	249180	35.841	ng/ul	0.00
60) Fluorene-d10	15.440	176	1047912	36.499	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	211519	37.937	ng/ul	0.00
73) Anthracene-d10	17.287	188	1575578	37.508	ng/ul	0.00
81) Pyrene-d10	19.581	212	1717480	40.491	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	1361375	38.271	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	51163	13.327	ng/uL#	88
5) Pyridine	3.705	79	368071	35.322	ng/ul	95
6) Benzaldehyde	6.958	77	297177	48.389	ng/ul	91
8) Phenol	7.016	94	531602	38.303	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.240	93	401686	36.978	ng/ul	97
12) 2-Chlorophenol	7.381	128	421683	38.093	ng/ul	98
13) 2-Methylphenol	8.258	108	406185	38.069	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	626591	36.785	ng/ul	97
16) Acetophenone	8.634	105	642864	37.487	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.628	70	329948	37.664	ng/ul	95
18) 4-Methylphenol	8.593	108	449816	38.197	ng/ul	98
19) Hexachloroethane	8.893	117	164524	36.937	ng/ul	84
22) Nitrobenzene	9.010	77	481803	36.902	ng/ul	94
23) Isophorone	9.540	82	950904	36.887	ng/ul	99
25) 2-Nitrophenol	9.722	139	251966	38.156	ng/ul	98
26) 2,4-Dimethylphenol	9.787	107	483272	35.325	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	570488	36.163	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	412453	38.220	ng/ul	98
30) Naphthalene	10.657	128	1365227	35.590	ng/ul	100
32) 4-Chloroaniline	10.763	127	589239	34.870	ng/ul	100
33) Hexachlorobutadiene	10.952	225	223483	36.070	ng/ul	99
34) Caprolactam	11.522	113	157770m	37.438	ng/ul	
35) 4-Chloro-3-methylphenol	11.899	107	495382	38.876	ng/ul	100
36) 2-Methylnaphthalene	12.269	142	945813	36.470	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	966348	36.514	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.646	216	438492	36.056	ng/ul	99
40) Hexachlorocyclopentadiene	12.628	237	241944	32.704	ng/ul	98
41) 2,4,6-Trichlorophenol	12.881	196	319617	38.115	ng/ul	97
42) 2,4,5-Trichlorophenol	12.951	196	352308	37.935	ng/ul	100
43) 1,1'-Biphenyl	13.281	154	1272714	36.046	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	967711	36.127	ng/ul	96
45) 2-Nitroaniline	13.522	65	329397	39.528	ng/ul	95
47) Dimethylphthalate	13.904	163	1253557	35.890	ng/ul	98
48) 2,6-Dinitrotoluene	14.022	165	271185	39.711	ng/ul	93
50) Acenaphthylene	14.169	152	1607622	36.088	ng/ul	99
51) 3-Nitroaniline	14.345	138	286966	39.749	ng/ul	99
52) Acenaphthene	14.510	153	1023257	35.166	ng/ul	98
53) 2,4-Dinitrophenol	14.551	184	137070	31.350	ng/ul	95
55) 4-Nitrophenol	14.663	109	209304	35.269	ng/ul	96
56) Dibenzofuran	14.845	168	1446186	35.277	ng/ul	97
57) 2,4-Dinitrotoluene	14.810	165	391264	38.696	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.075	232	271454	37.235	ng/ul	93
59) Diethylphthalate	15.275	149	1294507	35.999	ng/ul	98
61) Fluorene	15.493	166	1107984	34.734	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.487	204	514028	34.991	ng/ul	91
63) 4-Nitroaniline	15.510	138	281384m	41.710	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.575	198	209341	37.034	ng/ul	94
67) N-Nitrosodiphenylamine	15.698	169	1028008	37.255	ng/ul	99
68) 4-Bromophenyl-phenylether	16.381	248	314710	37.545	ng/ul#	89
69) Hexachlorobenzene	16.504	284	350954	36.424	ng/ul#	92
70) Atrazine	16.651	200	359604	37.351	ng/ul	96
71) Pentachlorophenol	16.839	266	207559	34.587	ng/ul	91
72) Phenanthrene	17.228	178	1837362	36.172	ng/ul	99
74) Anthracene	17.322	178	1847247	36.167	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.246	216	474425	36.809	ng/uL	99
76) Pentachlorobenzene	14.769	250	419555	36.830	ng/uL	98
77) Carbazole	17.587	167	1755710	37.785	ng/ul	97
78) Di-n-butylphthalate	18.157	149	2238267	38.846	ng/ul	99
80) Fluoranthene	19.245	202	2072161	40.450	ng/ul	98
82) Pyrene	19.610	202	2090281	39.772	ng/ul	97
83) Butylbenzylphthalate	20.510	149	1021118	43.171	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.292	252	572590	38.316	ng/ul#	95
85) Benzo(a)anthracene	21.357	228	1888378	38.221	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.298	149	1433082	42.942	ng/ul	99
87) Chrysene	21.410	228	1815080	37.551	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	2519443	42.577	ng/ul	100
90) Benzo(b)fluoranthene	22.998	252	1863115m	40.831	ng/ul	
91) Benzo(k)fluoranthene	23.045	252	1618258	37.255	ng/ul	97
93) Benzo(a)pyrene	23.598	252	1665376	37.705	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.098	276	1610167	35.432	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.104	278	1365237	35.173	ng/ul	95
96) Benzo(g,h,i)perylene	26.827	276	1359920	35.437	ng/ul#	91

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

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