Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131069.D
Acq On : 08 Nov 2022 16:21
Operator : CG\JU
Sample : N5479-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

Quant Time: Nov 08 17:30:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 01:40:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	71702	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	228572	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	104549	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	193628	20.000	ng		0.00
76) Chrysene-d12	14.092	240	138080	20.000	ng		0.00
86) Perylene-d12	15.586	264	184293	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	514478	115.700	ng		0.02
7) Phenol-d6	6.534	99	594625	109.560	ng		0.00
23) Nitrobenzene-d5	7.469	82	461512	93.591	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	142630	123.912	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	692612	90.284	ng		0.00
79) Terphenyl-d14	13.027	244	689745	80.087	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.863	88	89415	42.297	ng	#	81
3) Pyridine	3.581	79	152808	26.004	ng		97
4) n-Nitrosodimethylamine	3.528	42	134954	40.840	ng		97
6) Aniline	6.563	93	96080	14.235	ng		96
8) 2-Chlorophenol	6.686	128	193276	39.073	ng		96
9) Benzaldehyde	6.457	77	107831	34.395	ng		96
10) Phenol	6.545	94	221387	34.809	ng		94
11) bis(2-Chloroethyl)ether	6.639	93	223211	48.383	ng		99
12) 1,3-Dichlorobenzene	6.845	146	246385	45.260	ng		96
13) 1,4-Dichlorobenzene	6.922	146	249104	43.940	ng		98
14) 1,2-Dichlorobenzene	7.069	146	232543	41.966	ng		98
15) Benzyl Alcohol	7.045	79	182468	38.490	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	366044	45.625	ng		99
17) 2-Methylphenol	7.151	107	150973	36.480	ng		99
18) Hexachloroethane	7.410	117	97806	45.539	ng		92
19) n-Nitroso-di-n-propyla...	7.316	70	158920	41.088	ng		96
20) 3+4-Methylphenols	7.304	107	201208	37.594	ng	#	83
22) Acetophenone	7.310	105	301989	49.626	ng	#	92
24) Nitrobenzene	7.486	77	241246	47.701	ng		96
25) Isophorone	7.722	82	402900	47.668	ng		99
26) 2-Nitrophenol	7.804	139	99106	46.013	ng		98
27) 2,4-Dimethylphenol	7.833	122	174500m	52.434	ng		
28) bis(2-Chloroethoxy)met...	7.933	93	242491	51.948	ng		99
29) 2,4-Dichlorophenol	8.045	162	161559	45.074	ng		97
30) 1,2,4-Trichlorobenzene	8.128	180	174135	44.555	ng		99
31) Naphthalene	8.210	128	597777	47.853	ng		99
32) Benzoic acid	7.951	122	99009	43.672	ng		93
33) 4-Chloroaniline	8.263	127	56035	11.471	ng		97
34) Hexachlorobutadiene	8.322	225	117130	45.907	ng		99
35) Caprolactam	8.622	113	40774m	37.076	ng		
36) 4-Chloro-3-methylphenol	8.739	107	170208	43.998	ng		99
37) 2-Methylnaphthalene	8.898	142	339408	42.706	ng		98
38) 1-Methylnaphthalene	8.998	142	351854	46.365	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	193646	57.462	ng		98
41) Hexachlorocyclopentadiene	9.051	237	175180	112.774	ng		99
43) 2,4,6-Trichlorophenol	9.180	196	107326	47.754	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	111902	44.402	ng	97
46) 1,1'-Biphenyl	9.363	154	411715	50.559	ng	99
47) 2-Chloronaphthalene	9.392	162	313978	47.559	ng	98
48) 2-Nitroaniline	9.486	65	108614	44.763	ng	93
49) Acenaphthylene	9.810	152	454924	44.841	ng	99
50) Dimethylphthalate	9.663	163	335237	41.491	ng	100
51) 2,6-Dinitrotoluene	9.727	165	72806	42.358	ng	97
52) Acenaphthene	9.980	154	270006	43.463	ng	98
53) 3-Nitroaniline	9.898	138	42985	23.171	ng	88
54) 2,4-Dinitrophenol	10.010	184	65734	75.949	ng	95
55) Dibenzofuran	10.151	168	437714	52.777	ng	98
56) 4-Nitrophenol	10.063	139	114086	87.131	ng	97
57) 2,4-Dinitrotoluene	10.133	165	108121	48.418	ng	99
58) Fluorene	10.498	166	306912	40.856	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	86381	42.073	ng	98
60) Diethylphthalate	10.369	149	330786	39.283	ng	98
61) 4-Chlorophenyl-phenyle...	10.486	204	153357	41.217	ng	90
62) 4-Nitroaniline	10.516	138	64351	33.840	ng	95
63) Azobenzene	10.651	77	323983	39.585	ng	97
65) 4,6-Dinitro-2-methylph...	10.545	198	45115	36.719	ng	99
66) n-Nitrosodiphenylamine	10.610	169	272045	39.761	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	94394	38.800	ng	96
68) Hexachlorobenzene	11.045	284	104272	39.513	ng	96
69) Atrazine	11.133	200	88164	45.299	ng	99
70) Pentachlorophenol	11.239	266	100012	87.350	ng	98
71) Phenanthrene	11.463	178	491540	45.069	ng	99
72) Anthracene	11.516	178	504747	47.150	ng	99
73) Carbazole	11.674	167	434440	47.433	ng	99
74) Di-n-butylphthalate	11.998	149	509312	41.516	ng	99
75) Fluoranthene	12.657	202	494940	42.753	ng	99
77) Benzidine	12.780	184	41637	11.179	ng	100
78) Pyrene	12.886	202	493806	39.268	ng	100
80) Butylbenzylphthalate	13.504	149	183153	36.969	ng	99
81) Benzo(a)anthracene	14.080	228	438009	43.688	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	98168	36.032	ng	99
83) Chrysene	14.115	228	423223	44.451	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	257122	45.302	ng	98
85) Di-n-octyl phthalate	14.674	149	471373	58.279	ng	100
87) Indeno(1,2,3-cd)pyrene	17.115	276	639506	41.857	ng	99
88) Benzo(b)fluoranthene	15.151	252	567730	42.392	ng	97
89) Benzo(k)fluoranthene	15.180	252	534593	40.970	ng	100
90) Benzo(a)pyrene	15.527	252	537660	50.496	ng	100
91) Dibenzo(a,h)anthracene	17.139	278	543341	43.231	ng	100
92) Benzo(g,h,i)perylene	17.586	276	512087	40.237	ng	98

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

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