Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009682.D
Acq On : 04 Apr 2022 17:00
Operator : CG/JU
Sample : N2207-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220349-AMENDED-096-21-01MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

Quant Time: Apr 04 23:25:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 04:36:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	257145	20.000	ng		-0.02
21) Naphthalene-d8	10.516	136	1028638	20.000	ng		-0.02
39) Acenaphthene-d10	14.375	164	629994	20.000	ng		-0.02
64) Phenanthrene-d10	17.145	188	1302071	20.000	ng		-0.01
76) Chrysene-d12	21.263	240	1286912	20.000	ng		-0.01
86) Perylene-d12	23.639	264	1377715	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	570194	38.714	ng		0.00
7) Phenol-d6	6.922	99	1129805	56.723	ng		-0.01
23) Nitrobenzene-d5	8.887	82	1303658	67.348	ng		-0.01
42) 2,4,6-Tribromophenol	15.881	330	266291	25.615	ng		-0.01
45) 2-Fluorobiphenyl	12.992	172	2677724	58.923	ng		-0.02
79) Terphenyl-d14	19.721	244	3757256	52.403	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	261911	44.897	ng		98
3) Pyridine	3.652	79	782406	49.798	ng		99
4) n-Nitrosodimethylamine	3.564	42	328538	56.778	ng		96
6) Aniline	7.057	93	751002	33.083	ng		99
8) 2-Chlorophenol	7.299	128	879220	52.351	ng		98
9) Benzaldehyde	6.875	77	399833	42.407	ng		99
10) Phenol	6.952	94	1091248	54.610	ng		99
11) bis(2-Chloroethyl)ether	7.157	93	805700	50.947	ng		98
12) 1,3-Dichlorobenzene	7.616	146	904103	47.697	ng		99
13) 1,4-Dichlorobenzene	7.757	146	925733	47.766	ng		99
14) 1,2-Dichlorobenzene	8.075	146	889912	47.507	ng		98
15) Benzyl Alcohol	7.975	79	762919	48.042	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.257	45	921344	53.746	ng		98
17) 2-Methylphenol	8.193	107	714051	51.855	ng		99
18) Hexachloroethane	8.793	117	324694	47.805	ng		98
19) n-Nitroso-di-n-propyla...	8.540	70	623208	49.468	ng		99
20) 3+4-Methylphenols	8.522	107	967909	51.120	ng		98
22) Acetophenone	8.552	105	1215605	47.747	ng	#	98
24) Nitrobenzene	8.928	77	924240	50.544	ng		99
25) Isophorone	9.457	82	1735080	52.549	ng		100
26) 2-Nitrophenol	9.640	139	464801	48.766	ng		98
27) 2,4-Dimethylphenol	9.716	122	793885	59.028	ng		99
28) bis(2-Chloroethoxy)met...	9.940	93	1043061	48.518	ng		99
29) 2,4-Dichlorophenol	10.187	162	812869	49.549	ng		99
30) 1,2,4-Trichlorobenzene	10.387	180	848171	44.625	ng		99
31) Naphthalene	10.563	128	2496524	47.117	ng		99
32) Benzoic acid	9.928	122	561935	53.441	ng		96
33) 4-Chloroaniline	10.693	127	393786	18.213	ng		99
34) Hexachlorobutadiene	10.851	225	530166	41.167	ng		99
35) Caprolactam	11.498	113	257218m	46.458	ng		
36) 4-Chloro-3-methylphenol	11.840	107	839187	47.604	ng		99
37) 2-Methylnaphthalene	12.187	142	1746624	46.982	ng		99
38) 1-Methylnaphthalene	12.404	142	1671970	46.167	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	959000	45.880	ng		99
41) Hexachlorocyclopentadiene	12.540	237	353764	42.627	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	658611	47.537	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	698677	46.439	ng	99
46) 1,1'-Biphenyl	13.204	154	2258481	48.055	ng	99
47) 2-Chloronaphthalene	13.245	162	1771295	47.870	ng	100
48) 2-Nitroaniline	13.463	65	533855	52.973	ng	99
49) Acenaphthylene	14.098	152	2925874	51.223	ng	100
50) Dimethylphthalate	13.845	163	2183821	45.748	ng	100
51) 2,6-Dinitrotoluene	13.963	165	494027	49.394	ng	98
52) Acenaphthene	14.439	154	1632684	47.849	ng	99
53) 3-Nitroaniline	14.298	138	270250	25.581	ng	98
54) 2,4-Dinitrophenol	14.522	184	504633	81.128	ng	95
55) Dibenzofuran	14.781	168	2624291	45.780	ng	100
56) 4-Nitrophenol	14.639	139	768657	97.611	ng	97
57) 2,4-Dinitrotoluene	14.763	165	667365	48.527	ng	94
58) Fluorene	15.434	166	2088061	46.315	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	584745	42.872	ng	97
60) Diethylphthalate	15.216	149	2171954	45.460	ng	99
61) 4-Chlorophenyl-phenyle...	15.428	204	1092006	43.971	ng	97
62) 4-Nitroaniline	15.469	138	496276	44.731	ng	94
63) Azobenzene	15.722	77	2076323	49.958	ng	99
65) 4,6-Dinitro-2-methylph...	15.539	198	354610	42.353	ng	98
66) n-Nitrosodiphenylamine	15.645	169	1871144	48.561	ng	99
67) 4-Bromophenyl-phenylether	16.328	248	692112	43.439	ng	96
68) Hexachlorobenzene	16.451	284	790734	43.122	ng	98
69) Atrazine	16.616	200	689374	50.886	ng	99
70) Pentachlorophenol	16.804	266	879732	89.748	ng	99
71) Phenanthrene	17.186	178	3318574	47.612	ng	99
72) Anthracene	17.280	178	3379592	49.110	ng	99
73) Carbazole	17.557	167	3131928	46.536	ng	100
74) Di-n-butylphthalate	18.116	149	3770647	47.811	ng	100
75) Fluoranthene	19.169	202	3943803	46.737	ng	99
77) Benzidine	19.357	184	935742	29.665	ng	99
78) Pyrene	19.527	202	4056893	47.840	ng	99
80) Butylbenzylphthalate	20.410	149	1717942	47.662	ng	97
81) Benzo(a)anthracene	21.251	228	4042341	47.810	ng	99
82) 3,3'-Dichlorobenzidine	21.180	252	1290774	39.519	ng	98
83) Chrysene	21.304	228	3756857	46.925	ng	99
84) Bis(2-ethylhexyl)phtha...	21.180	149	2461685	48.998	ng	100
85) Di-n-octyl phthalate	22.092	149	4273225	49.346	ng	99
87) Indeno(1,2,3-cd)pyrene	26.121	276	4725615	45.211	ng	97
88) Benzo(b)fluoranthene	22.915	252	4150399	50.463	ng	99
89) Benzo(k)fluoranthene	22.962	252	4088059	50.766	ng	99
90) Benzo(a)pyrene	23.539	252	4076468	57.931	ng	98
91) Dibenzo(a,h)anthracene	26.133	278	4155848	47.706	ng	98
92) Benzo(g,h,i)perylene	26.874	276	4084860	47.666	ng	97

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

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