Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009527.D
Acq On : 24 Mar 2022 03:03
Operator : CG/JU
Sample : N1977-02MS 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-20220315-16.0-17.0MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Quant Time: Mar 24 04:21:24 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 24 01:19:11 2022
Response via : Initial Calibration

03/24/2022
Supervised By :Jagrut Upadhyay

03/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	565947	20.000	ng		0.00
21) Naphthalene-d8	10.586	136	2212038	20.000	ng		0.00
39) Acenaphthene-d10	14.433	164	1220425	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1973227	20.000	ng		0.00
76) Chrysene-d12	21.315	240	1777334	20.000	ng		0.00
86) Perylene-d12	23.727	264	2067345	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	380562	11.740	ng		0.00
7) Phenol-d6	6.981	99	499793	11.401	ng		0.00
23) Nitrobenzene-d5	8.945	82	312328	7.503	ng		0.00
42) 2,4,6-Tribromophenol	15.933	330	152366	7.566	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	684697	7.778	ng		0.00
79) Terphenyl-d14	19.774	244	696221	7.031	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	61892	4.821	ng		99
3) Pyridine	3.722	79	186955m	5.407	ng		
4) n-Nitrosodimethylamine	3.634	42	71254	5.595	ng	#	99
6) Aniline	7.122	93	171440	3.431	ng		99
8) 2-Chlorophenol	7.363	128	211896	5.733	ng		96
9) Benzaldehyde	6.940	77	125902	3.481	ng	#	21
10) Phenol	7.004	94	253888	5.773	ng		98
11) bis(2-Chloroethyl)ether	7.216	93	205736	5.911	ng		96
12) 1,3-Dichlorobenzene	7.681	146	258516	6.197	ng		99
13) 1,4-Dichlorobenzene	7.822	146	287329	6.736	ng		100
14) 1,2-Dichlorobenzene	8.139	146	231766	5.622	ng		98
15) Benzyl Alcohol	8.040	79	172423	4.933	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	231136	6.126	ng		88
17) 2-Methylphenol	8.245	107	168720	5.567	ng		98
18) Hexachloroethane	8.863	117	55697	3.726	ng		91
19) n-Nitroso-di-n-propyla...	8.592	70	151408	5.461	ng		98
20) 3+4-Methylphenols	8.575	107	248261	5.958	ng		97
22) Acetophenone	8.610	105	368297	6.727	ng	#	97
24) Nitrobenzene	8.986	77	226005	5.747	ng		98
25) Isophorone	9.516	82	429264	6.046	ng	#	98
26) 2-Nitrophenol	9.698	139	91413	4.460	ng		96
27) 2,4-Dimethylphenol	9.775	122	191656	6.627	ng		98
28) bis(2-Chloroethoxy)met...	9.998	93	259407	5.611	ng		98
29) 2,4-Dichlorophenol	10.257	162	185478	5.258	ng		97
30) 1,2,4-Trichlorobenzene	10.451	180	228843	5.599	ng		98
31) Naphthalene	10.639	128	12313259	108.066	ng		98
32) Benzoic acid	9.904	122	83820	3.707	ng		98
33) 4-Chloroaniline	10.751	127	149463	3.215	ng		97
34) Hexachlorobutadiene	10.922	225	141155	5.097	ng		98
35) Caprolactam	11.533	113	66454m	5.581	ng		
36) 4-Chloro-3-methylphenol	11.898	107	185356	4.889	ng		93
37) 2-Methylnaphthalene	12.251	142	1739936	21.764	ng		99
38) 1-Methylnaphthalene	12.475	142	6637873	85.231	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	237849	5.874	ng		99
41) Hexachlorocyclopentadiene	12.633	237	87m	7.293	ng		
43) 2,4,6-Trichlorophenol	12.875	196	145362	5.416	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	152887	5.246	ng		98
46) 1,1'-Biphenyl	13.263	154	992266	10.899	ng		99
47) 2-Chloronaphthalene	13.304	162	449071	6.265	ng		98
48) 2-Nitroaniline	13.516	65	105693	5.414	ng		97
49) Acenaphthylene	14.157	152	1567839	14.169	ng	#	93
50) Dimethylphthalate	13.892	163	498698	5.393	ng		99
51) 2,6-Dinitrotoluene	14.016	165	89648	4.627	ng	#	66
52) Acenaphthene	14.504	154	5653367	85.527	ng		99
53) 3-Nitroaniline	14.351	138	96742	4.727	ng		93
54) 2,4-Dinitrophenol	14.586	184	5871m	4.993	ng		
55) Dibenzofuran	14.833	168	1269418	11.431	ng	#	90
56) 4-Nitrophenol	14.698	139	145745	9.554	ng		97
57) 2,4-Dinitrotoluene	14.816	165	177989	6.681	ng	#	85
58) Fluorene	15.492	166	3267067	37.408	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.074	232	110249	4.173	ng	#	96
60) Diethylphthalate	15.263	149	478742	5.173	ng		98
61) 4-Chlorophenyl-phenyle...	15.486	204	232427	4.831	ng		95
62) 4-Nitroaniline	15.516	138	118129	5.496	ng		96
63) Azobenzene	15.774	77	404948	5.030	ng	#	55
66) n-Nitrosodiphenylamine	15.698	169	557709	9.551	ng	#	39
67) 4-Bromophenyl-phenylether	16.386	248	140987	5.839	ng		98
68) Hexachlorobenzene	16.510	284	147573	5.310	ng		98
69) Atrazine	16.663	200	127856	6.228	ng		94
70) Pentachlorophenol	16.863	266	137019	9.224	ng		100
71) Phenanthrene	17.251	178	13457869	127.409	ng		97
72) Anthracene	17.333	178	5178140	49.652	ng		99
73) Carbazole	17.610	167	605367	5.935	ng		98
74) Di-n-butylphthalate	18.168	149	684541	5.728	ng		99
75) Fluoranthene	19.227	202	11920479	93.218	ng		98
77) Benzidine	19.404	184	317073	7.278	ng		98
78) Pyrene	19.580	202	12819726	109.459	ng		97
80) Butylbenzylphthalate	20.456	149	275664	5.538	ng		98
81) Benzo(a)anthracene	21.304	228	7845085	67.184	ng		93
82) 3,3'-Dichlorobenzidine	21.233	252	224563	4.978	ng		98
83) Chrysene	21.356	228	6434075	58.190	ng		98
84) Bis(2-ethylhexyl)phtha...	21.227	149	410895	5.922	ng		100
85) Di-n-octyl phthalate	22.156	149	724160	6.055	ng		98
87) Indeno(1,2,3-cd)pyrene	26.239	276	5632789	35.913	ng	#	93
88) Benzo(b)fluoranthene	23.003	252	9010788	73.012	ng		99
89) Benzo(k)fluoranthene	23.039	252	3474076m	28.750	ng		
90) Benzo(a)pyrene	23.627	252	8250192	78.133	ng		97
91) Dibenzo(a,h)anthracene	26.250	278	1826960	13.976	ng		97
92) Benzo(g,h,i)perylene	27.015	276	5551210	43.168	ng		96

03/24/2022
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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