Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013679.D
Acq On : 31 Jan 2023 18:13
Operator : CG/JU
Sample : PB150555BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 01 06:29:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 03:43:48 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB150555BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.140	152	246633	20.000	ng		0.00
21) Naphthalene-d8	10.969	136	914215	20.000	ng		0.00
39) Acenaphthene-d10	14.775	164	565944	20.000	ng		0.00
64) Phenanthrene-d10	17.528	188	1198179	20.000	ng		0.00
76) Chrysene-d12	21.604	240	1061371	20.000	ng		0.00
86) Perylene-d12	24.180	264	1169024	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.675	112	2012144	139.465	ng		0.00
7) Phenol-d6	7.293	99	2567743	133.590	ng		0.00
23) Nitrobenzene-d5	9.316	82	1395184	88.773	ng		0.00
42) 2,4,6-Tribromophenol	16.263	330	1104406	130.106	ng		0.00
45) 2-Fluorobiphenyl	13.404	172	3651471	90.281	ng		0.00
79) Terphenyl-d14	20.057	244	5404834	101.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.517	88	217396	35.616	ng		99
3) Pyridine	3.934	79	599003	34.084	ng		99
4) n-Nitrosodimethylamine	3.834	42	259940	41.250	ng		98
6) Aniline	7.458	93	997503	39.808	ng		100
8) 2-Chlorophenol	7.699	128	687153	45.240	ng		99
9) Benzaldehyde	7.269	77	482572	55.481	ng		97
10) Phenol	7.316	94	907613	45.201	ng		97
11) bis(2-Chloroethyl)ether	7.552	93	696728	43.437	ng		99
12) 1,3-Dichlorobenzene	8.028	146	772670	45.159	ng		99
13) 1,4-Dichlorobenzene	8.175	146	790161	45.643	ng		100
14) 1,2-Dichlorobenzene	8.499	146	754765	45.562	ng		100
15) Benzyl Alcohol	8.381	79	583068m	42.839	ng		
16) 2,2'-oxybis(1-Chloropr...	8.675	45	819095	43.724	ng		98
17) 2-Methylphenol	8.581	107	585903	41.639	ng		99
18) Hexachloroethane	9.234	117	262203	45.932	ng		94
19) n-Nitroso-di-n-propyla...	8.952	70	499506	41.420	ng		98
20) 3+4-Methylphenols	8.910	107	777195	40.488	ng		99
22) Acetophenone	8.975	105	1006735	42.228	ng	#	99
24) Nitrobenzene	9.357	77	731057	42.885	ng		99
25) Isophorone	9.887	82	1392808	39.984	ng		99
26) 2-Nitrophenol	10.075	139	318886	40.834	ng		98
27) 2,4-Dimethylphenol	10.128	122	622354	44.270	ng		100
28) bis(2-Chloroethoxy)met...	10.363	93	875640	41.940	ng		100
29) 2,4-Dichlorophenol	10.610	162	674082	44.054	ng		99
30) 1,2,4-Trichlorobenzene	10.828	180	753792	44.398	ng		99
31) Naphthalene	11.022	128	2022099	42.066	ng		99
32) Benzoic acid	10.252	122	403777	36.900	ng		98
33) 4-Chloroaniline	11.128	127	449978	21.304	ng		100
34) Hexachlorobutadiene	11.304	225	470092	43.619	ng		99
35) Caprolactam	11.910	113	182467	36.312	ng		99
36) 4-Chloro-3-methylphenol	12.234	107	649241	40.337	ng		99
37) 2-Methylnaphthalene	12.616	142	1430372	39.574	ng		99
38) 1-Methylnaphthalene	12.834	142	1321106	38.911	ng		98
40) 1,2,4,5-Tetrachloroben...	12.981	216	896916	46.421	ng		99
41) Hexachlorocyclopentadiene	12.957	237	1088350	123.413	ng		98
43) 2,4,6-Trichlorophenol	13.210	196	567286	44.588	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	621380	41.714	ng	98
46) 1,1'-Biphenyl	13.616	154	1888977	44.107	ng	99
47) 2-Chloronaphthalene	13.657	162	1492823	45.095	ng	100
48) 2-Nitroaniline	13.857	65	303932	37.626	ng	98
49) Acenaphthylene	14.504	152	2264628	42.420	ng	99
50) Dimethylphthalate	14.228	163	1798345	41.082	ng	99
51) 2,6-Dinitrotoluene	14.345	165	355110	40.025	ng	98
52) Acenaphthene	14.840	154	1580808m	45.995	ng	
53) 3-Nitroaniline	14.675	138	256407	28.038	ng	98
54) 2,4-Dinitrophenol	14.881	184	422306	72.794	ng	98
55) Dibenzofuran	15.175	168	2211984	41.124	ng	99
56) 4-Nitrophenol	14.975	139	636175	83.821	ng	97
57) 2,4-Dinitrotoluene	15.134	165	468739	39.616	ng	99
58) Fluorene	15.822	166	1731157	40.993	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.398	232	551271	42.558	ng	100
60) Diethylphthalate	15.587	149	1678356	39.994	ng	99
61) 4-Chlorophenyl-phenyle...	15.810	204	948652	41.251	ng	100
62) 4-Nitroaniline	15.839	138	335853	35.848	ng	100
63) Azobenzene	16.104	77	1584792	40.882	ng	99
65) 4,6-Dinitro-2-methylph...	15.892	198	263784	39.195	ng	98
66) n-Nitrosodiphenylamine	16.028	169	1522007	43.657	ng	100
67) 4-Bromophenyl-phenylether	16.710	248	602495	43.866	ng	99
68) Hexachlorobenzene	16.828	284	706803	46.472	ng	98
69) Atrazine	16.975	200	538122	47.436	ng	98
70) Pentachlorophenol	17.175	266	915832	81.632	ng	99
71) Phenanthrene	17.575	178	2769240	43.120	ng	100
72) Anthracene	17.663	178	2785725	42.965	ng	100
73) Carbazole	17.928	167	2466999	41.903	ng	100
74) Di-n-butylphthalate	18.457	149	2675985	41.536	ng	100
75) Fluoranthene	19.522	202	3202497	40.054	ng	99
77) Benzidine	19.692	184	1729554	75.444	ng	99
78) Pyrene	19.875	202	3309175	46.342	ng	100
80) Butylbenzylphthalate	20.727	149	862589	44.249	ng	98
81) Benzo(a)anthracene	21.586	228	3177555	43.102	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	821605	35.251	ng	99
83) Chrysene	21.645	228	3014031	42.912	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	1405619	42.349	ng	99
85) Di-n-octyl phthalate	22.474	149	2476878	40.866	ng	100
87) Indeno(1,2,3-cd)pyrene	26.904	276	4091213	46.017	ng	100
88) Benzo(b)fluoranthene	23.386	252	3271179	46.558	ng	100
89) Benzo(k)fluoranthene	23.439	252	3116415	44.283	ng	100
90) Benzo(a)pyrene	24.068	252	2854889	40.934	ng	100
91) Dibenzo(a,h)anthracene	26.921	278	3399917	46.071	ng	99
92) Benzo(g,h,i)perylene	27.739	276	3407075	46.485	ng	99

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

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