Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013556.D
Acq On : 23 Jan 2023 20:22
Operator : CG/JU
Sample : PB150389BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 24 05:48:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 04:44:15 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB150389BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
01/24/2023
Supervised By :Jagrut Upadhyay
01/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.163	152	294965	20.000	ng		0.00
21) Naphthalene-d8	10.993	136	1191657	20.000	ng		0.00
39) Acenaphthene-d10	14.798	164	670156	20.000	ng		0.00
64) Phenanthrene-d10	17.551	188	1343609	20.000	ng		0.00
76) Chrysene-d12	21.633	240	1051051	20.000	ng		0.00
86) Perylene-d12	24.221	264	943778	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	2682062	155.792	ng		0.00
7) Phenol-d6	7.305	99	3383843	146.044	ng		0.00
23) Nitrobenzene-d5	9.334	82	1791471	99.246	ng		0.00
42) 2,4,6-Tribromophenol	16.286	330	1113477	165.648	ng		0.00
45) 2-Fluorobiphenyl	13.428	172	4433068	90.801	ng		0.00
79) Terphenyl-d14	20.080	244	5941458	101.695	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.534	88	269281	38.800	ng		99
3) Pyridine	3.940	79	764874	37.125	ng		99
4) n-Nitrosodimethylamine	3.852	42	407072	43.700	ng		99
6) Aniline	7.475	93	1162899	37.362	ng		99
8) 2-Chlorophenol	7.722	128	943834	49.684	ng		98
9) Benzaldehyde	7.287	77	409307m	27.896	ng		
10) Phenol	7.334	94	1197578	49.888	ng		99
11) bis(2-Chloroethyl)ether	7.575	93	890095	45.347	ng		99
12) 1,3-Dichlorobenzene	8.052	146	1022523	48.673	ng		99
13) 1,4-Dichlorobenzene	8.199	146	1036788	48.672	ng		99
14) 1,2-Dichlorobenzene	8.522	146	998288	48.399	ng		99
15) Benzyl Alcohol	8.399	79	761939	46.027	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.699	45	1231790	45.828	ng		99
17) 2-Methylphenol	8.599	107	788942	45.253	ng		99
18) Hexachloroethane	9.257	117	357459	50.205	ng		97
19) n-Nitroso-di-n-propyla...	8.975	70	652653	43.733	ng		99
20) 3+4-Methylphenols	8.928	107	1041408	45.382	ng		99
22) Acetophenone	8.993	105	1375592	44.997	ng	#	99
24) Nitrobenzene	9.381	77	929186	47.876	ng		98
25) Isophorone	9.904	82	1803005	42.111	ng		99
26) 2-Nitrophenol	10.093	139	334091	47.849	ng		98
27) 2,4-Dimethylphenol	10.146	122	891288	48.224	ng		98
28) bis(2-Chloroethoxy)met...	10.387	93	1150010	44.571	ng		99
29) 2,4-Dichlorophenol	10.628	162	837930	49.288	ng		99
30) 1,2,4-Trichlorobenzene	10.851	180	904408	46.616	ng		99
31) Naphthalene	11.046	128	2855801	44.577	ng		100
32) Benzoic acid	10.269	122	398185	46.083	ng		98
33) 4-Chloroaniline	11.146	127	452286	15.955	ng		98
34) Hexachlorobutadiene	11.328	225	512319	45.377	ng		99
35) Caprolactam	11.916	113	257974	46.805	ng		99
36) 4-Chloro-3-methylphenol	12.251	107	869826	46.980	ng		98
37) 2-Methylnaphthalene	12.640	142	1958377	43.006	ng		99
38) 1-Methylnaphthalene	12.857	142	1807946	42.252	ng		98
40) 1,2,4,5-Tetrachloroben...	12.998	216	955978	46.334	ng		99
41) Hexachlorocyclopentadiene	12.981	237	1204037	109.639	ng		98
43) 2,4,6-Trichlorophenol	13.234	196	610190	50.532	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	671916	47.089	ng	99
46) 1,1'-Biphenyl	13.634	154	2484571	46.164	ng	100
47) 2-Chloronaphthalene	13.681	162	1897220	47.053	ng	99
48) 2-Nitroaniline	13.875	65	463132	46.199	ng	94
49) Acenaphthylene	14.522	152	2999133	45.483	ng	99
50) Dimethylphthalate	14.251	163	2283959	45.848	ng	100
51) 2,6-Dinitrotoluene	14.363	165	453150	46.711	ng	98
52) Acenaphthene	14.863	154	1973989	48.462	ng	99
53) 3-Nitroaniline	14.692	138	329783	31.685	ng	99
54) 2,4-Dinitrophenol	14.898	184	322231	85.211	ng	95
55) Dibenzofuran	15.198	168	2809948	44.988	ng	99
56) 4-Nitrophenol	14.992	139	864282	100.972	ng	92
57) 2,4-Dinitrotoluene	15.151	165	599497	51.494	ng	91
58) Fluorene	15.845	166	2251402	45.351	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.416	232	555057	50.660	ng	99
60) Diethylphthalate	15.610	149	2240464	46.048	ng	99
61) 4-Chlorophenyl-phenyle...	15.834	204	1088813	44.604	ng	100
62) 4-Nitroaniline	15.857	138	505333	47.506	ng	94
63) Azobenzene	16.128	77	2110934	44.649	ng	99
65) 4,6-Dinitro-2-methylph...	15.910	198	212577	49.769	ng	100
66) n-Nitrosodiphenylamine	16.051	169	1963987	44.823	ng	99
67) 4-Bromophenyl-phenylether	16.733	248	662137	44.489	ng	99
68) Hexachlorobenzene	16.851	284	759534	47.246	ng	99
69) Atrazine	16.998	200	640106	51.058	ng	99
70) Pentachlorophenol	17.192	266	865115	80.587	ng	97
71) Phenanthrene	17.598	178	3432165	45.911	ng	100
72) Anthracene	17.686	178	3470975	45.747	ng	100
73) Carbazole	17.945	167	3208149	47.050	ng	99
74) Di-n-butylphthalate	18.486	149	3563643	46.959	ng	100
75) Fluoranthene	19.539	202	3663279	46.080	ng	100
77) Benzidine	19.710	184	1643897	62.187	ng	99
78) Pyrene	19.892	202	3783098	47.073	ng	100
80) Butylbenzylphthalate	20.757	149	1332661	52.082	ng	100
81) Benzo(a)anthracene	21.616	228	3345098	45.684	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	665784	28.220	ng	99
83) Chrysene	21.669	228	3153282	45.025	ng	99
84) Bis(2-ethylhexyl)phtha...	21.521	149	1920796	46.905	ng	99
85) Di-n-octyl phthalate	22.516	149	2968896	44.968	ng	99
87) Indeno(1,2,3-cd)pyrene	26.968	276	3315656	47.696	ng	100
88) Benzo(b)fluoranthene	23.427	252	2924198	50.366	ng	100
89) Benzo(k)fluoranthene	23.480	252	2937120	49.599	ng	100
90) Benzo(a)pyrene	24.110	252	2488109	44.178	ng	99
91) Dibenzo(a,h)anthracene	26.986	278	2786148	47.782	ng	99
92) Benzo(g,h,i)perylene	27.809	276	2705006	47.525	ng	100

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

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