Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112122\
Data File : BP012689.D
Acq On : 21 Nov 2022 16:49
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 21 23:59:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 23:51:17 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP112122

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	375582	20.000	ng		0.00
21) Naphthalene-d8	10.857	136	1610365	20.000	ng		0.00
39) Acenaphthene-d10	14.675	164	1064285	20.000	ng		0.00
64) Phenanthrene-d10	17.428	188	2369088	20.000	ng		0.00
76) Chrysene-d12	21.516	240	2493208	20.000	ng		0.00
86) Perylene-d12	24.045	264	2380949	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1477168	79.671	ng		0.00
7) Phenol-d6	7.187	99	2078756	80.808	ng		0.00
23) Nitrobenzene-d5	9.205	82	2281493	79.397	ng		0.00
42) 2,4,6-Tribromophenol	16.163	330	1014133	81.199	ng		0.00
45) 2-Fluorobiphenyl	13.304	172	5869890	77.834	ng		0.00
79) Terphenyl-d14	19.975	244	9510936	80.271	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	285635	37.476	ng		99
3) Pyridine	3.846	79	918568m	38.597	ng		
4) n-Nitrosodimethylamine	3.764	42	390663	37.586	ng		94
6) Aniline	7.358	93	1321057	40.674	ng		99
8) 2-Chlorophenol	7.599	128	947396	40.436	ng		98
9) Benzaldehyde	7.169	77	561671	35.443	ng		98
10) Phenol	7.211	94	1176372	40.320	ng		100
11) bis(2-Chloroethyl)ether	7.458	93	969086	38.512	ng		98
12) 1,3-Dichlorobenzene	7.928	146	1099195	38.594	ng		100
13) 1,4-Dichlorobenzene	8.075	146	1124901	38.341	ng		99
14) 1,2-Dichlorobenzene	8.393	146	1091116	38.387	ng		99
15) Benzyl Alcohol	8.275	79	772926	42.826	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.575	45	1405746	37.962	ng		100
17) 2-Methylphenol	8.475	107	835280	41.449	ng		99
18) Hexachloroethane	9.128	117	403725	37.918	ng		98
19) n-Nitroso-di-n-propyla...	8.852	70	747575	42.188	ng		99
20) 3+4-Methylphenols	8.805	107	1141678	41.910	ng		99
22) Acetophenone	8.863	105	1544124	38.859	ng	#	99
24) Nitrobenzene	9.246	77	1163604	39.169	ng		99
25) Isophorone	9.775	82	2167386	39.020	ng		100
26) 2-Nitrophenol	9.963	139	452255	39.469	ng		95
27) 2,4-Dimethylphenol	10.016	122	811214	42.514	ng		99
28) bis(2-Chloroethoxy)met...	10.257	93	1262659	40.084	ng		100
29) 2,4-Dichlorophenol	10.493	162	1024092	38.829	ng		99
30) 1,2,4-Trichlorobenzene	10.716	180	1160365	38.938	ng		99
31) Naphthalene	10.910	128	3458643	38.459	ng		100
32) Benzoic acid	10.152	122	440645	40.611	ng		98
33) 4-Chloroaniline	11.010	127	1352103	38.836	ng		99
34) Hexachlorobutadiene	11.193	225	725254	38.874	ng		100
35) Caprolactam	11.793	113	308628	40.064	ng		99
36) 4-Chloro-3-methylphenol	12.122	107	1044497	41.163	ng		99
37) 2-Methylnaphthalene	12.510	142	2481644	38.891	ng		99
38) 1-Methylnaphthalene	12.728	142	2441847	38.552	ng		100
40) 1,2,4,5-Tetrachloroben...	12.869	216	1345229	39.687	ng		100
41) Hexachlorocyclopentadiene	12.851	237	631753	39.837	ng		100
43) 2,4,6-Trichlorophenol	13.104	196	887896	39.214	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.175	196	1010545	42.149	ng	97
46) 1,1'-Biphenyl	13.510	154	3182711	39.155	ng	99
47) 2-Chloronaphthalene	13.551	162	2554158	39.129	ng	100
48) 2-Nitroaniline	13.751	65	621229	38.605	ng	96
49) Acenaphthylene	14.398	152	4059805	38.881	ng	100
50) Dimethylphthalate	14.134	163	3258497	39.675	ng	99
51) 2,6-Dinitrotoluene	14.246	165	687433	41.459	ng	96
52) Acenaphthene	14.740	154	2596918	39.145	ng	100
53) 3-Nitroaniline	14.575	138	732468	38.368	ng	98
54) 2,4-Dinitrophenol	14.775	184	283532	40.353	ng	94
55) Dibenzofuran	15.075	168	3979241	38.762	ng	99
56) 4-Nitrophenol	14.863	139	605921	38.846	ng	99
57) 2,4-Dinitrotoluene	15.028	165	931161	38.229	ng	100
58) Fluorene	15.722	166	3231822	38.501	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.293	232	928788	42.134	ng	99
60) Diethylphthalate	15.493	149	3212337	40.818	ng	99
61) 4-Chlorophenyl-phenyle...	15.716	204	1623073	39.194	ng	98
62) 4-Nitroaniline	15.740	138	722528	38.670	ng	100
63) Azobenzene	16.010	77	3102882	38.608	ng	99
65) 4,6-Dinitro-2-methylph...	15.792	198	423540	38.653	ng	94
66) n-Nitrosodiphenylamine	15.928	169	2719376	39.732	ng	99
67) 4-Bromophenyl-phenylether	16.616	248	1001335	41.530	ng	98
68) Hexachlorobenzene	16.728	284	1201242	39.309	ng	97
69) Atrazine	16.881	200	822041	43.844	ng	98
70) Pentachlorophenol	17.069	266	767037	42.071	ng	98
71) Phenanthrene	17.475	178	5341306	38.657	ng	100
72) Anthracene	17.563	178	5164716	39.263	ng	99
73) Carbazole	17.828	167	4723901	40.043	ng	100
74) Di-n-butylphthalate	18.381	149	5129260	40.116	ng	100
75) Fluoranthene	19.428	202	6447165	39.331	ng	100
77) Benzidine	19.604	184	671329	44.151	ng	98
78) Pyrene	19.781	202	6680597	39.334	ng	100
80) Butylbenzylphthalate	20.657	149	928748	43.998	ng	95
81) Benzo(a)anthracene	21.498	228	6860383	39.410	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	1509712	39.231	ng	99
83) Chrysene	21.557	228	6501364	38.939	ng	100
84) Bis(2-ethylhexyl)phtha...	21.422	149	1899018	43.902	ng	99
85) Di-n-octyl phthalate	22.398	149	3723797	42.549	ng	96
87) Indeno(1,2,3-cd)pyrene	26.710	276	6860877	38.927	ng	100
88) Benzo(b)fluoranthene	23.269	252	6599802	40.683	ng	100
89) Benzo(k)fluoranthene	23.322	252	6482946	39.102	ng	99
90) Benzo(a)pyrene	23.933	252	5268092	40.257	ng	99
91) Dibenzo(a,h)anthracene	26.733	278	5806235	39.053	ng	100
92) Benzo(g,h,i)perylene	27.527	276	5247228	38.095	ng	99

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

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