Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052423\
Data File : BP015281.D
Acq On : 24 May 2023 20:01
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 25 01:44:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 01:41:43 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP052423

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	247312	20.000	ng		0.00
21) Naphthalene-d8	10.940	136	933412	20.000	ng		0.00
39) Acenaphthene-d10	14.751	164	519103	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	1016599	20.000	ng		0.00
76) Chrysene-d12	21.586	240	855105	20.000	ng		0.00
86) Perylene-d12	24.133	264	1062323	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1177638	78.905	ng		0.00
7) Phenol-d6	7.263	99	1592550	81.422	ng		0.00
23) Nitrobenzene-d5	9.293	82	1575247	82.400	ng		0.00
42) 2,4,6-Tribromophenol	16.245	330	568281	80.558	ng		0.00
45) 2-Fluorobiphenyl	13.381	172	3162419	81.789	ng		0.00
79) Terphenyl-d14	20.039	244	3719534	81.818	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	256119	38.744	ng		98
3) Pyridine	3.875	79	690822	40.892	ng		100
4) n-Nitrosodimethylamine	3.787	42	316683	40.165	ng		99
6) Aniline	7.434	93	1026866	41.538	ng		99
8) 2-Chlorophenol	7.669	128	631549	40.493	ng		98
9) Benzaldehyde	7.240	77	389855m	41.399	ng		
10) Phenol	7.293	94	799686	40.825	ng		99
11) bis(2-Chloroethyl)ether	7.528	93	657874	40.068	ng		98
12) 1,3-Dichlorobenzene	7.998	146	694766	40.033	ng		98
13) 1,4-Dichlorobenzene	8.146	146	700799	40.117	ng		100
14) 1,2-Dichlorobenzene	8.469	146	662187	39.730	ng		99
15) Benzyl Alcohol	8.357	79	587955	43.067	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.646	45	845267m	39.924	ng		
17) 2-Methylphenol	8.557	107	579282	41.555	ng		99
18) Hexachloroethane	9.204	117	264716	40.207	ng		98
19) n-Nitroso-di-n-propyla...	8.928	70	513437	41.016	ng		99
20) 3+4-Methylphenols	8.893	107	782151	41.531	ng		98
22) Acetophenone	8.945	105	988537	40.774	ng	#	99
24) Nitrobenzene	9.334	77	780547	41.005	ng		99
25) Isophorone	9.863	82	1409020	41.071	ng		99
26) 2-Nitrophenol	10.045	139	362959	43.442	ng		99
27) 2,4-Dimethylphenol	10.104	122	576553	41.160	ng		99
28) bis(2-Chloroethoxy)met...	10.340	93	868784	41.089	ng		100
29) 2,4-Dichlorophenol	10.587	162	605347	41.680	ng		99
30) 1,2,4-Trichlorobenzene	10.798	180	655072	40.435	ng		99
31) Naphthalene	10.992	128	1971274	40.101	ng		99
32) Benzoic acid	10.257	122	447570	41.348	ng		99
33) 4-Chloroaniline	11.104	127	845002	41.577	ng		99
34) Hexachlorobutadiene	11.269	225	417976	40.720	ng		99
35) Caprolactam	11.898	113	173219	38.848	ng		98
36) 4-Chloro-3-methylphenol	12.216	107	648351	41.058	ng		99
37) 2-Methylnaphthalene	12.586	142	1394041	39.900	ng		99
38) 1-Methylnaphthalene	12.804	142	1296399	39.769	ng		100
40) 1,2,4,5-Tetrachloroben...	12.951	216	718775	42.199	ng		99
41) Hexachlorocyclopentadiene	12.928	237	415792	46.087	ng		99
43) 2,4,6-Trichlorophenol	13.192	196	480496	43.460	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.263	196	556682	42.830	ng	99
46) 1,1'-Biphenyl	13.586	154	1715557	41.711	ng	99
47) 2-Chloronaphthalene	13.633	162	1278750	41.214	ng	99
48) 2-Nitroaniline	13.839	65	404718	42.701	ng	98
49) Acenaphthylene	14.475	152	2045398	41.200	ng	100
50) Dimethylphthalate	14.204	163	1595398	39.284	ng	100
51) 2,6-Dinitrotoluene	14.328	165	355302	41.438	ng	97
52) Acenaphthene	14.816	154	1197804	40.509	ng	96
53) 3-Nitroaniline	14.663	138	364061	41.543	ng	99
54) 2,4-Dinitrophenol	14.869	184	203454	38.162	ng	96
55) Dibenzofuran	15.151	168	1933999	39.983	ng	99
56) 4-Nitrophenol	14.957	139	278851	38.094	ng	98
57) 2,4-Dinitrotoluene	15.116	165	462276	41.003	ng	99
58) Fluorene	15.798	166	1463074	39.162	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.375	232	417293	40.144	ng	100
60) Diethylphthalate	15.563	149	1576857	38.977	ng	99
61) 4-Chlorophenyl-phenyle...	15.786	204	757954	39.624	ng	100
62) 4-Nitroaniline	15.822	138	346664	37.328	ng	99
63) Azobenzene	16.080	77	1516551	39.295	ng	99
65) 4,6-Dinitro-2-methylph...	15.880	198	274047	44.382	ng	99
66) n-Nitrosodiphenylamine	16.004	169	1258836	41.556	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	470319	42.786	ng	98
68) Hexachlorobenzene	16.804	284	510616	42.181	ng	100
69) Atrazine	16.957	200	401086	41.466	ng	98
70) Pentachlorophenol	17.151	266	367805	44.336	ng	98
71) Phenanthrene	17.551	178	2177732	40.193	ng	99
72) Anthracene	17.639	178	2215603	40.830	ng	100
73) Carbazole	17.904	167	1933624	40.242	ng	99
74) Di-n-butylphthalate	18.439	149	2525811	40.932	ng	100
75) Fluoranthene	19.498	202	2471103	39.040	ng	99
77) Benzidine	19.674	184	627443	46.337	ng	99
78) Pyrene	19.851	202	2539109	41.500	ng	100
80) Butylbenzylphthalate	20.710	149	1107098	42.699	ng	98
81) Benzo(a)anthracene	21.568	228	2449369	41.225	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	791199	43.115	ng	99
83) Chrysene	21.621	228	2324129	40.795	ng	99
84) Bis(2-ethylhexyl)phtha...	21.462	149	1650890	43.232	ng	99
85) Di-n-octyl phthalate	22.439	149	2848556	44.095	ng	100
87) Indeno(1,2,3-cd)pyrene	26.845	276	3202174	41.587	ng	99
88) Benzo(b)fluoranthene	23.351	252	2528912	39.154	ng	100
89) Benzo(k)fluoranthene	23.404	252	2567896	39.482	ng	99
90) Benzo(a)pyrene	24.027	252	2517370	40.369	ng	99
91) Dibenzo(a,h)anthracene	26.862	278	2635993	41.687	ng	99
92) Benzo(g,h,i)perylene	27.680	276	2693270	41.918	ng	99

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

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