Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071522\
Data File : BP010983.D
Acq On : 15 Jul 2022 15:06
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP071522

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Quant Time: Jul 15 16:14:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 13:54:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152	406994	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	1574705	20.000	ng		0.00
39) Acenaphthene-d10	14.357	164	893325	20.000	ng		0.01
64) Phenanthrene-d10	17.128	188	1802385	20.000	ng	#	0.01
76) Chrysene-d12	21.251	240	1694003	20.000	ng	#	0.01
86) Perylene-d12	23.610	264	1769699	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	2152853	83.830	ng		0.00
7) Phenol-d6	6.869	99	2765891	84.188	ng		0.00
23) Nitrobenzene-d5	8.857	82	2415604	83.975	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	784153	83.490	ng		0.01
45) 2-Fluorobiphenyl	12.975	172	4817228	83.335	ng		0.00
79) Terphenyl-d14	19.716	244	6742276	84.320	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.217	88	477821	41.751	ng	#	85
3) Pyridine	3.611	79	1334826	43.786	ng	#	81
4) n-Nitrosodimethylamine	3.522	42	558052	42.591	ng	#	60
6) Aniline	7.028	93	1567102	42.219	ng		91
8) 2-Chlorophenol	7.258	128	1129600	41.576	ng		93
9) Benzaldehyde	6.840	77	700638	39.972	ng		92
10) Phenol	6.899	94	1419446	42.239	ng		84
11) bis(2-Chloroethyl)ether	7.128	93	1096217	41.217	ng		92
12) 1,3-Dichlorobenzene	7.581	146	1221997m	40.989	ng		
13) 1,4-Dichlorobenzene	7.728	146	1233748	40.728	ng		98
14) 1,2-Dichlorobenzene	8.040	146	1160219	40.853	ng		96
15) Benzyl Alcohol	7.940	79	942273	42.197	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.234	45	1494093	40.652	ng		94
17) 2-Methylphenol	8.146	107	925305	41.802	ng	#	92
18) Hexachloroethane	8.763	117	441827	40.338	ng		92
19) n-Nitroso-di-n-propyla...	8.510	70	808324	41.771	ng		88
20) 3+4-Methylphenols	8.475	107	1279474	41.996	ng		94
22) Acetophenone	8.522	105	1615708	41.886	ng	#	89
24) Nitrobenzene	8.899	77	1221847	41.939	ng	#	90
25) Isophorone	9.428	82	2131911	42.740	ng		96
26) 2-Nitrophenol	9.604	139	558456	42.390	ng	#	85
27) 2,4-Dimethylphenol	9.675	122	856833	42.001	ng		91
28) bis(2-Chloroethoxy)met...	9.916	93	1248603	41.443	ng		98
29) 2,4-Dichlorophenol	10.140	162	945234	42.602	ng		97
30) 1,2,4-Trichlorobenzene	10.351	180	984927	40.972	ng		97
31) Naphthalene	10.540	128	3452166	41.252	ng		100
32) Benzoic acid	9.816	122	749936	45.552	ng		86
33) 4-Chloroaniline	10.657	127	1366545	41.078	ng	#	92
34) Hexachlorobutadiene	10.822	225	549422	40.700	ng		98
35) Caprolactam	11.469	113	338814	44.420	ng	#	73
36) 4-Chloro-3-methylphenol	11.798	107	1074820	43.172	ng		94
37) 2-Methylnaphthalene	12.163	142	2302358	41.883	ng		97
38) 1-Methylnaphthalene	12.381	142	2239047	42.052	ng		98
40) 1,2,4,5-Tetrachloroben...	12.534	216	970765	41.039	ng		97
41) Hexachlorocyclopentadiene	12.510	237	537753	41.380	ng		99
43) 2,4,6-Trichlorophenol	12.781	196	711223	42.596	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.851	196	781312	42.862	ng		96
46)	1,1'-Biphenyl	13.187	154	2782145	41.543	ng		99
47)	2-Chloronaphthalene	13.228	162	2117058	41.477	ng		99
48)	2-Nitroaniline	13.440	65	723616	43.698	ng		87
49)	Acenaphthylene	14.081	152	3503822	42.176	ng		100
50)	Dimethylphthalate	13.828	163	2723547	42.707	ng		100
51)	2,6-Dinitrotoluene	13.945	165	585098	44.017	ng		90
52)	Acenaphthene	14.422	154	2085336	41.575	ng		97
53)	3-Nitroaniline	14.275	138	682530	41.226	ng		92
54)	2,4-Dinitrophenol	14.481	184	312886	42.824	ng		90
55)	Dibenzofuran	14.763	168	3184650	41.356	ng		99
56)	4-Nitrophenol	14.592	139	585681	44.482	ng	#	77
57)	2,4-Dinitrotoluene	14.734	165	798127	44.808	ng		90
58)	Fluorene	15.416	166	2633296	42.181	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.992	232	652508	42.281	ng		93
60)	Diethylphthalate	15.204	149	2803287	42.162	ng		99
61)	4-Chlorophenyl-phenyle...	15.416	204	1161539	41.658	ng		98
62)	4-Nitroaniline	15.451	138	700615	40.851	ng	#	82
63)	Azobenzene	15.710	77	2766563	43.022	ng		93
65)	4,6-Dinitro-2-methylph...	15.498	198	412482	42.228	ng		92
66)	n-Nitrosodiphenylamine	15.634	169	2261225	41.632	ng		98
67)	4-Bromophenyl-phenylether	16.316	248	712993	40.738	ng		94
68)	Hexachlorobenzene	16.422	284	803651	40.422	ng		97
69)	Atrazine	16.604	200	687049	41.109	ng		96
70)	Pentachlorophenol	16.775	266	523328	40.625	ng		99
71)	Phenanthrene	17.169	178	4137485	41.647	ng		99
72)	Anthracene	17.263	178	4035735	42.095	ng		99
73)	Carbazole	17.539	167	3871004	42.194	ng		99
74)	Di-n-butylphthalate	18.110	149	5083930	42.451	ng		99
75)	Fluoranthene	19.157	202	4655003	41.875	ng		94
77)	Benzidine	19.351	184	1108192	41.349	ng		98
78)	Pyrene	19.510	202	4813417	41.873	ng		99
80)	Butylbenzylphthalate	20.410	149	2332536	42.200	ng		93
81)	Benzo(a)anthracene	21.233	228	4646516	41.583	ng		98
82)	3,3'-Dichlorobenzidine	21.174	252	1369100	42.424	ng	#	98
83)	Chrysene	21.286	228	4364503	41.215	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.174	149	3352669	42.192	ng	#	98
85)	Di-n-octyl phthalate	22.092	149	5711965	42.555	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	26.074	276	5431151	41.001	ng	#	90
88)	Benzo(b)fluoranthene	22.892	252	4474899	41.026	ng	#	96
89)	Benzo(k)fluoranthene	22.945	252	4644953	42.953	ng	#	96
90)	Benzo(a)pyrene	23.510	252	3862892	42.056	ng	#	95
91)	Dibenzo(a,h)anthracene	26.092	278	4523817	41.004	ng	#	93
92)	Benzo(g,h,i)perylene	26.827	276	4489756	40.960	ng	#	91

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

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