Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060524\
Data File : BF138125.D
Acq On : 05 Jun 2024 17:06
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF060524

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 06 05:23:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	490377	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	1912746	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	1086256	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	1856310	20.000	ng		0.00
76) Chrysene-d12	14.068	240	956610	20.000	ng		0.00
86) Perylene-d12	15.545	264	733906	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2257124	78.443	ng		0.00
7) Phenol-d6	6.534	99	2937300	80.682	ng		0.00
23) Nitrobenzene-d5	7.475	82	2647447	94.171	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	908362	86.893	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	4642880	74.736	ng		0.00
79) Terphenyl-d14	13.015	244	5118700	80.035	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	512968	38.897	ng		98
3) Pyridine	3.504	79	1296545	40.123	ng		97
4) n-Nitrosodimethylamine	3.475	42	633367	39.925	ng		96
6) Aniline	6.575	93	1485110	40.233	ng		100
8) 2-Chlorophenol	6.692	128	1266877	40.697	ng		99
9) Benzaldehyde	6.463	77	825433	48.342	ng		96
10) Phenol	6.551	94	1542021	41.227	ng		98
11) bis(2-Chloroethyl)ether	6.645	93	1188833	39.648	ng		98
12) 1,3-Dichlorobenzene	6.851	146	1407819	39.471	ng		99
13) 1,4-Dichlorobenzene	6.928	146	1418022	39.476	ng		100
14) 1,2-Dichlorobenzene	7.081	146	1327751	39.377	ng		99
15) Benzyl Alcohol	7.051	79	1066341	41.396	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1722669	39.135	ng		99
17) 2-Methylphenol	7.151	107	1020961	40.521	ng		98
18) Hexachloroethane	7.422	117	503959	41.105	ng		97
19) n-Nitroso-di-n-propyla...	7.328	70	908085	39.119	ng		97
20) 3+4-Methylphenols	7.310	107	1280438	40.840	ng		97
22) Acetophenone	7.322	105	1686221	38.293	ng	#	98
24) Nitrobenzene	7.492	77	1369130	44.706	ng		100
25) Isophorone	7.733	82	2440118	39.398	ng		98
26) 2-Nitrophenol	7.804	139	618831	48.149	ng		98
27) 2,4-Dimethylphenol	7.839	122	892366	41.480	ng		98
28) bis(2-Chloroethoxy)met...	7.939	93	1487130	39.419	ng		98
29) 2,4-Dichlorophenol	8.045	162	1093277	42.165	ng		97
30) 1,2,4-Trichlorobenzene	8.128	180	1244535	39.780	ng		100
31) Naphthalene	8.216	128	3597830	38.889	ng		99
32) Benzoic acid	7.969	122	835546m	50.093	ng		
33) 4-Chloroaniline	8.257	127	1381226	39.724	ng		100
34) Hexachlorobutadiene	8.328	225	731644	39.797	ng		99
35) Caprolactam	8.645	113	350629	40.498	ng		94
36) 4-Chloro-3-methylphenol	8.733	107	1098676	41.349	ng		99
37) 2-Methylnaphthalene	8.904	142	2432621	39.005	ng		100
38) 1-Methylnaphthalene	9.004	142	2374818	38.890	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	1225557	39.962	ng		100
41) Hexachlorocyclopentadiene	9.051	237	415449	41.036	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	820423	44.061	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	875945	42.692	ng	99
46) 1,1'-Biphenyl	9.369	154	2932004	38.427	ng	99
47) 2-Chloronaphthalene	9.392	162	2376495	39.082	ng	99
48) 2-Nitroaniline	9.486	65	646658	43.317	ng	100
49) Acenaphthylene	9.810	152	3324467	38.634	ng	99
50) Dimethylphthalate	9.669	163	2659047	38.958	ng	99
51) 2,6-Dinitrotoluene	9.727	165	633990	43.167	ng	98
52) Acenaphthene	9.980	154	2279003	39.197	ng	99
53) 3-Nitroaniline	9.898	138	631618	42.929	ng	98
54) 2,4-Dinitrophenol	9.998	184	205331	48.906	ng	99
55) Dibenzofuran	10.151	168	3167004	38.511	ng	99
56) 4-Nitrophenol	10.045	139	479785	46.216	ng	100
57) 2,4-Dinitrotoluene	10.127	165	779209	44.446	ng	96
58) Fluorene	10.492	166	2494209	38.184	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	716507	44.274	ng	99
60) Diethylphthalate	10.369	149	2574456	38.638	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	1261213	38.006	ng	99
62) 4-Nitroaniline	10.516	138	592759	46.527	ng	96
63) Azobenzene	10.645	77	2483468	38.697	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	318459	46.895	ng	78
66) n-Nitrosodiphenylamine	10.604	169	2227546	40.184	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	868000	41.067	ng	99
68) Hexachlorobenzene	11.039	284	985324	40.099	ng	99
69) Atrazine	11.133	200	699276	39.208	ng	99
70) Pentachlorophenol	11.227	266	630451	47.929	ng	99
71) Phenanthrene	11.457	178	3431774	38.402	ng	99
72) Anthracene	11.510	178	3451109	38.720	ng	99
73) Carbazole	11.663	167	3144516	38.578	ng	100
74) Di-n-butylphthalate	11.992	149	3693647	38.552	ng	100
75) Fluoranthene	12.645	202	3610506	37.445	ng	99
77) Benzidine	12.757	184	396608	40.289	ng	98
78) Pyrene	12.874	202	3634887	42.015	ng	99
80) Butylbenzylphthalate	13.492	149	1346834	47.145	ng	96
81) Benzo(a)anthracene	14.057	228	2357713	39.065	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	623278	40.745	ng	97
83) Chrysene	14.092	228	2302167	39.746	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1844863	44.325	ng	98
85) Di-n-octyl phthalate	14.668	149	2587328	45.161	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	1636174	41.460	ng	99
88) Benzo(b)fluoranthene	15.109	252	1881891	40.789	ng	98
89) Benzo(k)fluoranthene	15.145	252	1700737	38.655	ng	99
90) Benzo(a)pyrene	15.480	252	1439803	41.206	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	1340135	42.392	ng	100
92) Benzo(g,h,i)perylene	17.486	276	1320045	40.288	ng	99

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

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