Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
Data File : BF138425.D
Acq On : 02 Jul 2024 13:13
Operator : CG\JU
Sample : PB161809BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161809BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 13:39:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	184057	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	759694	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	409137	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	660667	20.000	ng		0.00
76) Chrysene-d12	14.033	240	288985	20.000	ng		0.00
86) Perylene-d12	15.498	264	351526	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1351776	121.766	ng		0.02
7) Phenol-d6	6.516	99	1797142	120.172	ng		0.00
23) Nitrobenzene-d5	7.439	82	1174859	80.337	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	391828	117.219	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1899755	73.896	ng		0.00
79) Terphenyl-d14	12.980	244	1444297	68.491	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	190344	36.401	ng		99
3) Pyridine	3.481	79	460807	36.939	ng		97
4) n-Nitrosodimethylamine	3.446	42	352489	45.291	ng		97
6) Aniline	6.539	93	428418	29.356	ng		100
8) 2-Chlorophenol	6.663	128	559463	46.944	ng		98
9) Benzaldehyde	6.434	77	644284	69.801	ng		97
10) Phenol	6.528	94	699785	43.921	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	555719	44.410	ng		98
12) 1,3-Dichlorobenzene	6.816	146	554993	40.665	ng		99
13) 1,4-Dichlorobenzene	6.892	146	563598	41.185	ng		98
14) 1,2-Dichlorobenzene	7.045	146	546052	43.223	ng		98
15) Benzyl Alcohol	7.022	79	504431	47.093	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1115444	44.193	ng		97
17) 2-Methylphenol	7.134	107	436243	44.167	ng		98
18) Hexachloroethane	7.386	117	207582	42.055	ng		100
19) n-Nitroso-di-n-propyla...	7.292	70	392928	41.678	ng		97
20) 3+4-Methylphenols	7.286	107	511287	44.552	ng		99
22) Acetophenone	7.286	105	707637	41.059	ng	#	97
24) Nitrobenzene	7.457	77	612936	41.208	ng		99
25) Isophorone	7.698	82	1131601	41.965	ng		100
26) 2-Nitrophenol	7.775	139	299361	46.660	ng		98
27) 2,4-Dimethylphenol	7.810	122	386735	47.098	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	685799	42.252	ng		100
29) 2,4-Dichlorophenol	8.016	162	446965	42.381	ng		95
30) 1,2,4-Trichlorobenzene	8.098	180	485397	39.584	ng		99
31) Naphthalene	8.181	128	1572293	40.940	ng		99
32) Benzoic acid	7.951	122	336292	45.080	ng		98
33) 4-Chloroaniline	8.228	127	316756	23.616	ng		97
34) Hexachlorobutadiene	8.292	225	271037	36.815	ng		100
35) Caprolactam	8.604	113	155172m	46.594	ng		
36) 4-Chloro-3-methylphenol	8.716	107	483490	43.040	ng		100
37) 2-Methylnaphthalene	8.869	142	1002248	40.379	ng		100
38) 1-Methylnaphthalene	8.969	142	932870	38.754	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	447807	39.570	ng		99
41) Hexachlorocyclopentadiene	9.022	237	349545	104.933	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	303754	42.182	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	318594	40.681	ng		97
46) 1,1'-Biphenyl	9.333	154	1239511	40.575	ng		99
47) 2-Chloronaphthalene	9.363	162	937151	40.235	ng		99
48) 2-Nitroaniline	9.457	65	348935	46.442	ng		96
49) Acenaphthylene	9.775	152	1454233	44.394	ng		99
50) Dimethylphthalate	9.639	163	1111133	42.257	ng		99
51) 2,6-Dinitrotoluene	9.698	165	247819	42.082	ng		97
52) Acenaphthene	9.945	154	1010936m	45.071	ng		
53) 3-Nitroaniline	9.869	138	182605	31.396	ng		96
54) 2,4-Dinitrophenol	9.975	184	234832	92.683	ng		100
55) Dibenzofuran	10.122	168	1284300	41.557	ng		99
56) 4-Nitrophenol	10.039	139	349428	92.659	ng		90
57) 2,4-Dinitrotoluene	10.104	165	323393	44.600	ng		95
58) Fluorene	10.463	166	955140	38.896	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	260864	44.846	ng		100
60) Diethylphthalate	10.333	149	1030615	41.922	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	482436	38.721	ng		99
62) 4-Nitroaniline	10.486	138	225324	42.207	ng		99
63) Azobenzene	10.616	77	1143568	44.046	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	171401	48.398	ng		83
66) n-Nitrosodiphenylamine	10.574	169	863593	42.105	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	290008	40.839	ng	#	90
68) Hexachlorobenzene	11.004	284	315915	40.362	ng		97
69) Atrazine	11.098	200	247377	43.017	ng		99
70) Pentachlorophenol	11.204	266	336744	84.766	ng		99
71) Phenanthrene	11.421	178	1385707	42.959	ng		99
72) Anthracene	11.474	178	1383679	43.013	ng		99
73) Carbazole	11.627	167	1132834	42.418	ng		98
74) Di-n-butylphthalate	11.957	149	1404277	41.491	ng		100
75) Fluoranthene	12.610	202	1152655	39.859	ng		98
77) Benzidine	12.727	184	98120	42.461	ng		99
78) Pyrene	12.839	202	1139908	36.906	ng		99
80) Butylbenzylphthalate	13.451	149	376112	40.018	ng		98
81) Benzo(a)anthracene	14.021	228	814376	43.782	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	231858	42.220	ng		97
83) Chrysene	14.057	228	791717	43.742	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	514946	43.689	ng		98
85) Di-n-octyl phthalate	14.621	149	1044512	50.629	ng		99
87) Indeno(1,2,3-cd)pyrene	16.980	276	832781	47.149	ng		98
88) Benzo(b)fluoranthene	15.074	252	896499	46.482	ng		98
89) Benzo(k)fluoranthene	15.104	252	894559	50.356	ng		99
90) Benzo(a)pyrene	15.439	252	847185	50.114	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	666854	46.773	ng		97
92) Benzo(g,h,i)perylene	17.421	276	624318	44.762	ng		96

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

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