Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
Data File : BF138651.D
Acq On : 25 Jul 2024 14:01
Operator : RC/JU
Sample : PB162271BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 25 15:06:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB162271BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	90386	20.000	ng		-0.01
21) Naphthalene-d8	8.139	136	369007	20.000	ng		-0.01
39) Acenaphthene-d10	9.892	164	202918	20.000	ng		-0.01
64) Phenanthrene-d10	11.380	188	337673	20.000	ng		0.00
76) Chrysene-d12	14.015	240	156222	20.000	ng		-0.01
86) Perylene-d12	15.480	264	162138	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	711088	124.598	ng		0.00
7) Phenol-d6	6.498	99	952736	125.491	ng		0.00
23) Nitrobenzene-d5	7.422	82	627259	83.459	ng		-0.01
42) 2,4,6-Tribromophenol	10.686	330	244566	128.958	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1069426	82.369	ng		-0.01
79) Terphenyl-d14	12.963	244	994757	103.735	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	88523	35.022	ng		98
3) Pyridine	3.481	79	232881	37.361	ng		97
4) n-Nitrosodimethylamine	3.440	42	177304	43.695	ng		91
6) Aniline	6.522	93	247785	34.845	ng	#	51
8) 2-Chlorophenol	6.645	128	289284	47.937	ng		99
9) Benzaldehyde	6.404	77	22706	5.588	ng		99
10) Phenol	6.510	94	371359	46.082	ng		87
11) bis(2-Chloroethyl)ether	6.592	93	285809	47.106	ng		98
12) 1,3-Dichlorobenzene	6.798	146	294112	43.359	ng		98
13) 1,4-Dichlorobenzene	6.875	146	302583	43.928	ng		98
14) 1,2-Dichlorobenzene	7.022	146	285964	44.574	ng		97
15) Benzyl Alcohol	7.004	79	270933	47.552	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	500483	41.946	ng		75
17) 2-Methylphenol	7.116	107	232387	46.987	ng	#	92
18) Hexachloroethane	7.363	117	114650	45.275	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	220947	47.099	ng		91
20) 3+4-Methylphenols	7.269	107	290641	46.667	ng		90
22) Acetophenone	7.269	105	379459	42.340	ng		99
24) Nitrobenzene	7.439	77	335153	43.882	ng		99
25) Isophorone	7.681	82	593773	46.004	ng		98
26) 2-Nitrophenol	7.757	139	155615	47.538	ng		96
27) 2,4-Dimethylphenol	7.792	122	200580m	49.854	ng		
28) bis(2-Chloroethoxy)met...	7.886	93	354817	45.999	ng		98
29) 2,4-Dichlorophenol	7.998	162	235073	44.993	ng		99
30) 1,2,4-Trichlorobenzene	8.080	180	251806	41.372	ng		99
31) Naphthalene	8.163	128	845423	44.052	ng		99
32) Benzoic acid	7.933	122	119572	31.160	ng		93
33) 4-Chloroaniline	8.210	127	154650	22.967	ng		98
34) Hexachlorobutadiene	8.269	225	150150	40.062	ng		99
35) Caprolactam	8.592	113	70532m	41.836	ng		
36) 4-Chloro-3-methylphenol	8.698	107	268954	45.982	ng		99
37) 2-Methylnaphthalene	8.851	142	543642	44.019	ng		99
38) 1-Methylnaphthalene	8.951	142	503927	41.809	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	222813	39.398	ng		98
41) Hexachlorocyclopentadiene	8.998	237	194101	105.739	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	156431	43.363	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	163061	41.096	ng	#	94
46) 1,1'-Biphenyl	9.316	154	630482	40.999	ng		99
47) 2-Chloronaphthalene	9.339	162	503333	43.326	ng		98
48) 2-Nitroaniline	9.439	65	188718	46.877	ng		96
49) Acenaphthylene	9.757	152	788038	47.777	ng		100
50) Dimethylphthalate	9.616	163	597702	45.553	ng		100
51) 2,6-Dinitrotoluene	9.680	165	134812	44.624	ng		88
52) Acenaphthene	9.927	154	484241	44.167	ng		99
53) 3-Nitroaniline	9.851	138	89533	28.915	ng		93
54) 2,4-Dinitrophenol	9.963	184	124422	76.928	ng		94
55) Dibenzofuran	10.098	168	704606	44.307	ng		99
56) 4-Nitrophenol	10.027	139	172842	75.652	ng		99
57) 2,4-Dinitrotoluene	10.086	165	176184	45.073	ng		94
58) Fluorene	10.445	166	553957	44.024	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	136760	43.673	ng		96
60) Diethylphthalate	10.316	149	574432	45.412	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	268553	42.502	ng		94
62) 4-Nitroaniline	10.469	138	130196	41.960	ng		99
63) Azobenzene	10.592	77	628934	46.246	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	97751	50.135	ng		83
66) n-Nitrosodiphenylamine	10.557	169	480129	47.458	ng		97
67) 4-Bromophenyl-phenylether	10.921	248	161552	46.548	ng		99
68) Hexachlorobenzene	10.986	284	175034	45.397	ng		99
69) Atrazine	11.080	200	148077	44.147	ng		97
70) Pentachlorophenol	11.186	266	171036	74.967	ng		97
71) Phenanthrene	11.404	178	802979	47.069	ng		100
72) Anthracene	11.457	178	816053	48.189	ng		99
73) Carbazole	11.610	167	687179	45.155	ng		100
74) Di-n-butylphthalate	11.933	149	852642	48.606	ng		99
75) Fluoranthene	12.592	202	759800	43.648	ng		98
77) Benzidine	12.710	184	107730	27.333	ng		98
78) Pyrene	12.821	202	751701	47.400	ng		99
80) Butylbenzylphthalate	13.433	149	256489	53.765	ng		98
81) Benzo(a)anthracene	14.004	228	500752	47.770	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	91031	33.702	ng		97
83) Chrysene	14.045	228	467491	47.143	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	276631	54.370	ng		99
85) Di-n-octyl phthalate	14.598	149	428717	53.339	ng		99
87) Indeno(1,2,3-cd)pyrene	16.956	276	519732	47.722	ng		100
88) Benzo(b)fluoranthene	15.051	252	452659	49.573	ng		100
89) Benzo(k)fluoranthene	15.080	252	374464	42.049	ng		98
90) Benzo(a)pyrene	15.421	252	395648	49.325	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	412317	46.282	ng		100
92) Benzo(g,h,i)perylene	17.398	276	410006	43.401	ng		98

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

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