Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138616.D
Acq On : 23 Jul 2024 13:55
Operator : RC/JU
Sample : PB162142BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 23 14:26:26 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 :
PB162142BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	90264	20.000	ng		-0.01
21) Naphthalene-d8	8.139	136	366629	20.000	ng		-0.01
39) Acenaphthene-d10	9.892	164	195838	20.000	ng		-0.01
64) Phenanthrene-d10	11.374	188	325105	20.000	ng		-0.01
76) Chrysene-d12	14.015	240	155517	20.000	ng		-0.01
86) Perylene-d12	15.474	264	153294	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	705594	123.802	ng		0.00
7) Phenol-d6	6.498	99	943113	124.391	ng		0.00
23) Nitrobenzene-d5	7.422	82	622599	83.376	ng		-0.01
42) 2,4,6-Tribromophenol	10.686	330	224891	122.871	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1027091	81.968	ng		-0.01
79) Terphenyl-d14	12.957	244	978200	102.471	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	91530	36.261	ng		99
3) Pyridine	3.481	79	248185	39.870	ng		97
4) n-Nitrosodimethylamine	3.446	42	181552	44.803	ng		90
6) Aniline	6.522	93	234780	33.061	ng	#	65
8) 2-Chlorophenol	6.645	128	287422	47.693	ng		99
9) Benzaldehyde	6.404	77	24436	6.021	ng		95
10) Phenol	6.510	94	370000	45.976	ng		90
11) bis(2-Chloroethyl)ether	6.592	93	283973	46.867	ng		99
12) 1,3-Dichlorobenzene	6.798	146	293269	43.293	ng		98
13) 1,4-Dichlorobenzene	6.875	146	298831	43.441	ng		99
14) 1,2-Dichlorobenzene	7.022	146	282919	44.159	ng		97
15) Benzyl Alcohol	6.998	79	265197	46.608	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	511079	42.892	ng		82
17) 2-Methylphenol	7.116	107	231185	46.808	ng	#	92
18) Hexachloroethane	7.363	117	112467	44.473	ng		94
19) n-Nitroso-di-n-propyla...	7.269	70	221424	47.264	ng		93
20) 3+4-Methylphenols	7.269	107	283816	45.633	ng		91
22) Acetophenone	7.263	105	371831	41.758	ng		98
24) Nitrobenzene	7.439	77	329562	43.429	ng		98
25) Isophorone	7.675	82	587608	45.822	ng		100
26) 2-Nitrophenol	7.751	139	151257	46.506	ng		92
27) 2,4-Dimethylphenol	7.792	122	195655m	48.945	ng		
28) bis(2-Chloroethoxy)met...	7.886	93	351265	45.833	ng		98
29) 2,4-Dichlorophenol	7.998	162	228738	44.064	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	250371	41.403	ng		97
31) Naphthalene	8.157	128	830569	43.559	ng		100
32) Benzoic acid	7.928	122	127682	33.489	ng		93
33) 4-Chloroaniline	8.210	127	127079	18.995	ng		97
34) Hexachlorobutadiene	8.269	225	145289	39.016	ng		99
35) Caprolactam	8.586	113	68639m	40.977	ng		
36) 4-Chloro-3-methylphenol	8.698	107	264509	45.515	ng		98
37) 2-Methylnaphthalene	8.851	142	525675	42.840	ng		100
38) 1-Methylnaphthalene	8.951	142	490556	40.963	ng		98
40) 1,2,4,5-Tetrachloroben...	9.016	216	218389	40.012	ng		98
41) Hexachlorocyclopentadiene	8.998	237	208769	117.841	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	150580	43.250	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	156231	40.798	ng		95
46) 1,1'-Biphenyl	9.316	154	616570	41.544	ng		100
47) 2-Chloronaphthalene	9.339	162	489213	43.633	ng		98
48) 2-Nitroaniline	9.439	65	182146	46.880	ng		96
49) Acenaphthylene	9.757	152	766504	48.152	ng		99
50) Dimethylphthalate	9.616	163	569290	44.956	ng		100
51) 2,6-Dinitrotoluene	9.680	165	127071	43.582	ng		92
52) Acenaphthene	9.927	154	475285	44.917	ng		99
53) 3-Nitroaniline	9.851	138	80861	27.058	ng		93
54) 2,4-Dinitrophenol	9.963	184	115765	74.331	ng		92
55) Dibenzofuran	10.098	168	679778	44.291	ng		98
56) 4-Nitrophenol	10.022	139	175187	79.450	ng		99
57) 2,4-Dinitrotoluene	10.086	165	165706	43.925	ng		94
58) Fluorene	10.439	166	532072	43.813	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	129201	42.751	ng		97
60) Diethylphthalate	10.316	149	534745	43.803	ng		100
61) 4-Chlorophenyl-phenyle...	10.433	204	255749	41.939	ng		95
62) 4-Nitroaniline	10.469	138	123359	41.194	ng		99
63) Azobenzene	10.592	77	597294	45.508	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	91642	48.819	ng		78
66) n-Nitrosodiphenylamine	10.551	169	457769	46.997	ng		99
67) 4-Bromophenyl-phenylether	10.922	248	150876	45.153	ng		99
68) Hexachlorobenzene	10.986	284	165613	44.614	ng		98
69) Atrazine	11.080	200	138246	42.809	ng		98
70) Pentachlorophenol	11.186	266	167746	76.367	ng		96
71) Phenanthrene	11.404	178	761636	46.372	ng		100
72) Anthracene	11.457	178	770661	47.268	ng		99
73) Carbazole	11.610	167	663653	45.295	ng		99
74) Di-n-butylphthalate	11.933	149	782487	46.331	ng		99
75) Fluoranthene	12.592	202	730913	43.612	ng		98
77) Benzidine	12.710	184	126978	32.362	ng		99
78) Pyrene	12.816	202	729263	46.194	ng		99
80) Butylbenzylphthalate	13.433	149	257337	54.187	ng		97
81) Benzo(a)anthracene	14.004	228	499344	47.852	ng		100
82) 3,3'-Dichlorobenzidine	13.962	252	87079	32.385	ng	#	98
83) Chrysene	14.039	228	460739	46.672	ng		98
84) Bis(2-ethylhexyl)phtha...	13.986	149	278441	54.974	ng		99
85) Di-n-octyl phthalate	14.598	149	377921	47.232	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	494713	48.045	ng		99
88) Benzo(b)fluoranthene	15.051	252	394486	45.695	ng		99
89) Benzo(k)fluoranthene	15.080	252	377090	44.786	ng		99
90) Benzo(a)pyrene	15.415	252	370129	48.805	ng		100
91) Dibenzo(a,h)anthracene	16.962	278	397694	47.216	ng		99
92) Benzo(g,h,i)perylene	17.392	276	386768	43.304	ng		98

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

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