Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
Data File : BF137719.D
Acq On : 24 Apr 2024 15:24
Operator : CG\JU
Sample : PB160476BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 24 16:11:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB160476BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	288539	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1152629	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	626016	20.000	ng	0.00
64) Phenanthrene-d10	11.610	188	1048873	20.000	ng	0.00
76) Chrysene-d12	14.263	240	730960	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	604317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	2317198	121.991	ng	0.02
7) Phenol-d6	6.681	99	2915893	120.884	ng	0.00
23) Nitrobenzene-d5	7.628	82	1813753	83.531	ng	0.00
42) 2,4,6-Tribromophenol	10.910	330	827080	130.930	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	3394864	81.030	ng	0.00
79) Terphenyl-d14	13.198	244	3869910	85.215	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	325531	38.273	ng	99
3) Pyridine	3.828	79	836734	36.929	ng	98
4) n-Nitrosodimethylamine	3.799	42	467608	44.221	ng	98
6) Aniline	6.728	93	694957	23.148	ng	97
8) 2-Chlorophenol	6.845	128	954272	48.127	ng	96
9) Benzaldehyde	6.616	77	32816	2.424	ng	90
10) Phenol	6.693	94	1114682	46.257	ng	96
11) bis(2-Chloroethyl)ether	6.798	93	893380	45.453	ng	99
12) 1,3-Dichlorobenzene	7.004	146	981951	47.223	ng	99
13) 1,4-Dichlorobenzene	7.081	146	993009	47.434	ng	99
14) 1,2-Dichlorobenzene	7.234	146	950268	48.765	ng	99
15) Benzyl Alcohol	7.198	79	785211	43.515	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1358991	44.959	ng	99
17) 2-Methylphenol	7.304	107	757778	43.015	ng	99
18) Hexachloroethane	7.581	117	353960	47.773	ng	98
19) n-Nitroso-di-n-propyla...	7.475	70	670340	42.977	ng	98
20) 3+4-Methylphenols	7.451	107	964628	42.395	ng	97
22) Acetophenone	7.475	105	1284213	45.553	ng	99
24) Nitrobenzene	7.645	77	972596	44.335	ng	96
25) Isophorone	7.881	82	1807007	44.809	ng	99
26) 2-Nitrophenol	7.963	139	483341	50.207	ng	98
27) 2,4-Dimethylphenol	7.987	122	722571	37.203	ng	99
28) bis(2-Chloroethoxy)met...	8.087	93	1109243	45.033	ng	99
29) 2,4-Dichlorophenol	8.198	162	800611	47.034	ng	99
30) 1,2,4-Trichlorobenzene	8.287	180	827615	47.702	ng	99
31) Naphthalene	8.375	128	2693399	45.792	ng	99
32) Benzoic acid	8.104	122	566977	46.104	ng	95
33) 4-Chloroaniline	8.410	127	284128	11.413	ng	98
34) Hexachlorobutadiene	8.481	225	483461	46.481	ng	98
35) Caprolactam	8.787	113	249931m	45.414	ng	
36) 4-Chloro-3-methylphenol	8.886	107	833031	46.142	ng	96
37) 2-Methylnaphthalene	9.063	142	1771043	43.870	ng	99
38) 1-Methylnaphthalene	9.163	142	1659814	43.975	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	809429	47.163	ng	99
41) Hexachlorocyclopentadiene	9.216	237	974293	101.317	ng	99
43) 2,4,6-Trichlorophenol	9.334	196	579492	48.131	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	624209	45.238	ng		98
46) 1,1'-Biphenyl	9.528	154	2113051	46.399	ng		100
47) 2-Chloronaphthalene	9.557	162	1662391	47.354	ng		100
48) 2-Nitroaniline	9.651	65	509274	47.606	ng		86
49) Acenaphthylene	9.975	152	2608449	47.646	ng		100
50) Dimethylphthalate	9.828	163	2010438	46.094	ng		100
51) 2,6-Dinitrotoluene	9.886	165	447229	48.666	ng		98
52) Acenaphthene	10.145	154	1757753	49.585	ng		99
53) 3-Nitroaniline	10.057	138	267341	25.887	ng		94
54) 2,4-Dinitrophenol	10.163	184	478963	96.832	ng	#	49
55) Dibenzofuran	10.322	168	2353610	45.293	ng		99
56) 4-Nitrophenol	10.210	139	783388	97.543	ng		98
57) 2,4-Dinitrotoluene	10.298	165	615644	53.139	ng		93
58) Fluorene	10.663	166	1831113	45.098	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.433	232	516469	48.339	ng		98
60) Diethylphthalate	10.528	149	1904931	45.409	ng		99
61) 4-Chlorophenyl-phenyle...	10.651	204	899147	44.818	ng		100
62) 4-Nitroaniline	10.686	138	455118	46.268	ng		99
63) Azobenzene	10.816	77	1914851	44.544	ng		96
65) 4,6-Dinitro-2-methylph...	10.704	198	322449	53.617	ng		86
66) n-Nitrosodiphenylamine	10.775	169	1643105	46.253	ng		100
67) 4-Bromophenyl-phenylether	11.145	248	573435	47.182	ng		99
68) Hexachlorobenzene	11.210	284	600368	50.706	ng		98
69) Atrazine	11.298	200	537492	54.734	ng		99
70) Pentachlorophenol	11.404	266	785339	88.174	ng		99
71) Phenanthrene	11.633	178	2569429	46.277	ng		100
72) Anthracene	11.686	178	2631290	46.281	ng		100
73) Carbazole	11.839	167	2422879	47.023	ng		99
74) Di-n-butylphthalate	12.157	149	2874618	45.767	ng		100
75) Fluoranthene	12.827	202	2694928	46.178	ng		99
77) Benzidine	12.939	184	665730	38.994	ng		100
78) Pyrene	13.057	202	2767847	46.134	ng		100
80) Butylbenzylphthalate	13.663	149	1047095	49.214	ng		99
81) Benzo(a)anthracene	14.251	228	2427801	47.620	ng		100
82) 3,3'-Dichlorobenzidine	14.204	252	380738	24.137	ng		97
83) Chrysene	14.286	228	2253249	47.301	ng		99
84) Bis(2-ethylhexyl)phtha...	14.221	149	1530391	47.629	ng		99
85) Di-n-octyl phthalate	14.851	149	2276076	47.158	ng		99
87) Indeno(1,2,3-cd)pyrene	17.480	276	1731801	51.683	ng		99
88) Benzo(b)fluoranthene	15.363	252	1918939	49.622	ng		99
89) Benzo(k)fluoranthene	15.392	252	1907653	50.184	ng		99
90) Benzo(a)pyrene	15.768	252	1673508	48.241	ng		98
91) Dibenzo(a,h)anthracene	17.504	278	1419923	51.064	ng		98
92) Benzo(g,h,i)perylene	17.986	276	1331682	49.250	ng		98

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

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