Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136087.D
Acq On : 01 Nov 2023 20:35
Operator : CG\JU
Sample : 05142-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 22:43:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	147739	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	577237	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	283624	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	450353	20.000	ng		0.00
76) Chrysene-d12	14.015	240	286075	20.000	ng		0.00
86) Perylene-d12	15.504	264	277736	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1004976	106.893	ng		0.01
7) Phenol-d6	6.463	99	1265044	107.995	ng		0.00
23) Nitrobenzene-d5	7.392	82	756814	79.036	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	330754	109.256	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1359889	76.432	ng		0.00
79) Terphenyl-d14	12.957	244	1180791	64.144	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	176373	43.081	ng		100
3) Pyridine	3.416	79	430549	38.530	ng		99
4) n-Nitrosodimethylamine	3.387	42	218259	46.715	ng		94
6) Aniline	6.487	93	557538	36.763	ng		96
8) 2-Chlorophenol	6.610	128	493242	49.071	ng		99
9) Benzaldehyde	6.375	77	128380	19.655	ng		98
10) Phenol	6.481	94	589896m	48.688	ng		
11) bis(2-Chloroethyl)ether	6.569	93	449595	47.400	ng		99
12) 1,3-Dichlorobenzene	6.769	146	511930	48.934	ng		99
13) 1,4-Dichlorobenzene	6.845	146	515667	49.185	ng		99
14) 1,2-Dichlorobenzene	6.992	146	491885	50.175	ng		97
15) Benzyl Alcohol	6.969	79	399126	48.054	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	615683	47.159	ng		99
17) 2-Methylphenol	7.081	107	377475	44.268	ng		98
18) Hexachloroethane	7.333	117	176845	47.991	ng		100
19) n-Nitroso-di-n-propyla...	7.245	70	301801	45.091	ng		98
20) 3+4-Methylphenols	7.234	107	451061	43.380	ng		97
22) Acetophenone	7.239	105	618660	48.333	ng	#	93
24) Nitrobenzene	7.410	77	470044	48.529	ng		97
25) Isophorone	7.645	82	865647	47.885	ng		98
26) 2-Nitrophenol	7.722	139	246370	55.750	ng		96
27) 2,4-Dimethylphenol	7.763	122	357387	42.797	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	531140	47.953	ng		98
29) 2,4-Dichlorophenol	7.963	162	385407	48.956	ng		96
30) 1,2,4-Trichlorobenzene	8.045	180	425817	49.583	ng		98
31) Naphthalene	8.128	128	1315698	47.267	ng		99
32) Benzoic acid	7.892	122	310645m	46.603	ng		
33) 4-Chloroaniline	8.175	127	358163	29.382	ng		100
34) Hexachlorobutadiene	8.245	225	239107	48.549	ng		98
35) Caprolactam	8.557	113	136768m	53.429	ng		
36) 4-Chloro-3-methylphenol	8.663	107	407225	49.272	ng		99
37) 2-Methylnaphthalene	8.822	142	842059	45.116	ng		99
38) 1-Methylnaphthalene	8.922	142	810022	46.636	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	409551	50.632	ng		99
41) Hexachlorocyclopentadiene	8.975	237	205386	47.528	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	269493	51.099	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	290059	47.479	ng		98
46) 1,1'-Biphenyl	9.286	154	1070344	49.505	ng		100
47) 2-Chloronaphthalene	9.310	162	801904	50.311	ng		98
48) 2-Nitroaniline	9.410	65	248690	52.721	ng		96
49) Acenaphthylene	9.727	152	1251106	50.315	ng		99
50) Dimethylphthalate	9.592	163	941061	50.302	ng		99
51) 2,6-Dinitrotoluene	9.651	165	208250	52.045	ng		94
52) Acenaphthene	9.904	154	747572	47.293	ng		99
53) 3-Nitroaniline	9.822	138	198413	42.498	ng		96
54) 2,4-Dinitrophenol	9.927	184	134829	63.951	ng		98
55) Dibenzofuran	10.075	168	1093821	47.456	ng		98
56) 4-Nitrophenol	9.986	139	336871	96.460	ng		94
57) 2,4-Dinitrotoluene	10.057	165	263711	52.090	ng		98
58) Fluorene	10.416	166	800025	46.358	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	235818	48.552	ng		99
60) Diethylphthalate	10.298	149	884015	49.455	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	401634	46.623	ng		97
62) 4-Nitroaniline	10.439	138	191418	42.578	ng		98
63) Azobenzene	10.574	77	809046	46.997	ng		94
65) 4,6-Dinitro-2-methylph...	10.463	198	94521	39.380	ng		83
66) n-Nitrosodiphenylamine	10.533	169	739772	54.453	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	257116	54.455	ng		98
68) Hexachlorobenzene	10.963	284	276533	54.837	ng	#	93
69) Atrazine	11.063	200	248944	67.349	ng		98
70) Pentachlorophenol	11.163	266	293511	90.629	ng		97
71) Phenanthrene	11.386	178	1125113	49.618	ng		99
72) Anthracene	11.433	178	1126685	48.490	ng		100
73) Carbazole	11.592	167	949304	47.015	ng		99
74) Di-n-butylphthalate	11.927	149	1227154	53.188	ng		99
75) Fluoranthene	12.574	202	1056767	45.365	ng		99
77) Benzidine	12.704	184	540503	96.937	ng		99
78) Pyrene	12.810	202	1069913	42.420	ng		99
80) Butylbenzylphthalate	13.439	149	431339	47.777	ng		97
81) Benzo(a)anthracene	14.004	228	930199	49.116	ng		100
82) 3,3'-Dichlorobenzidine	13.974	252	350779	58.030	ng		99
83) Chrysene	14.045	228	915603	49.090	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	532016	50.580	ng		98
85) Di-n-octyl phthalate	14.627	149	1023940	64.983	ng		99
87) Indeno(1,2,3-cd)pyrene	17.027	276	692015	38.124	ng		99
88) Benzo(b)fluoranthene	15.068	252	884952	53.848	ng		99
89) Benzo(k)fluoranthene	15.098	252	842938	51.839	ng		99
90) Benzo(a)pyrene	15.445	252	726482	47.576	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	579405	38.968	ng		99
92) Benzo(g,h,i)perylene	17.486	276	531076	32.375	ng		99

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

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