Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135987.D
Acq On : 27 Oct 2023 16:30
Operator : CG\JU
Sample : 04908-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 27 22:32:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	174114	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	687354	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	347829	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	583142	20.000	ng		0.00
76) Chrysene-d12	14.010	240	305130	20.000	ng		0.00
86) Perylene-d12	15.498	264	371916	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1339915	118.833	ng		0.02
7) Phenol-d6	6.463	99	1569306	111.792	ng		0.00
23) Nitrobenzene-d5	7.392	82	1068456	98.610	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	457989	150.430	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1930111	88.854	ng		0.00
79) Terphenyl-d14	12.957	244	1602207	87.731	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	207412	39.599	ng	#	84
3) Pyridine	3.510	79	483015	33.410	ng		97
4) n-Nitrosodimethylamine	3.446	42	258356	40.985	ng		98
6) Aniline	6.492	93	398765	21.097	ng		99
8) 2-Chlorophenol	6.610	128	566553	48.536	ng		99
9) Benzaldehyde	6.375	77	147539	19.429	ng		96
10) Phenol	6.475	94	601360m	40.977	ng		
11) bis(2-Chloroethyl)ether	6.563	93	545788	47.780	ng		98
12) 1,3-Dichlorobenzene	6.769	146	589212	47.522	ng		95
13) 1,4-Dichlorobenzene	6.845	146	599550	48.148	ng		99
14) 1,2-Dichlorobenzene	6.992	146	570958	49.377	ng		98
15) Benzyl Alcohol	6.969	79	463890	46.747	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	771007	45.832	ng		97
17) 2-Methylphenol	7.081	107	433684	42.155	ng		99
18) Hexachloroethane	7.334	117	213803	50.495	ng		99
19) n-Nitroso-di-n-propyla...	7.245	70	375076	46.987	ng		96
20) 3+4-Methylphenols	7.234	107	524077	42.208	ng	#	86
22) Acetophenone	7.239	105	764661	49.255	ng	#	93
24) Nitrobenzene	7.410	77	562634	49.351	ng		99
25) Isophorone	7.645	82	1064148	48.979	ng		100
26) 2-Nitrophenol	7.722	139	278613	61.363	ng		99
27) 2,4-Dimethylphenol	7.763	122	433087	43.737	ng		98
28) bis(2-Chloroethoxy)met...	7.863	93	656965	49.241	ng		99
29) 2,4-Dichlorophenol	7.963	162	458646	51.724	ng		98
30) 1,2,4-Trichlorobenzene	8.045	180	502964	50.097	ng		100
31) Naphthalene	8.128	128	1587775	47.779	ng		99
32) Benzoic acid	7.857	122	193174m	43.487	ng		
33) 4-Chloroaniline	8.175	127	99789	6.794	ng		95
34) Hexachlorobutadiene	8.245	225	279607	49.411	ng		99
35) Caprolactam	8.551	113	140250m	47.530	ng		
36) 4-Chloro-3-methylphenol	8.663	107	485910	51.565	ng		97
37) 2-Methylnaphthalene	8.822	142	1001621	45.554	ng		100
38) 1-Methylnaphthalene	8.922	142	969636	47.195	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	480663	48.927	ng		99
41) Hexachlorocyclopentadiene	8.975	237	349716	72.194	ng		98
43) 2,4,6-Trichlorophenol	9.098	196	322114	56.021	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	340771	49.915	ng	99
46) 1,1'-Biphenyl	9.292	154	1283259	48.689	ng	99
47) 2-Chloronaphthalene	9.310	162	966547	49.580	ng	97
48) 2-Nitroaniline	9.410	65	298284	54.338	ng	93
49) Acenaphthylene	9.727	152	1527830	49.678	ng	99
50) Dimethylphthalate	9.592	163	1133383	50.246	ng	99
51) 2,6-Dinitrotoluene	9.651	165	256955	54.244	ng	92
52) Acenaphthene	9.904	154	935289	47.453	ng	98
53) 3-Nitroaniline	9.816	138	161149	30.624	ng	95
54) 2,4-Dinitrophenol	9.922	184	70875	55.173	ng	92
55) Dibenzofuran	10.075	168	1338101	46.994	ng	98
56) 4-Nitrophenol	9.980	139	350118	77.179	ng	98
57) 2,4-Dinitrotoluene	10.057	165	323907	54.991	ng	98
58) Fluorene	10.416	166	993423	46.634	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.186	232	271549	52.859	ng	100
60) Diethylphthalate	10.298	149	1084963	50.441	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	483582	47.060	ng	97
62) 4-Nitroaniline	10.439	138	247988	45.073	ng	92
63) Azobenzene	10.574	77	1020404	46.746	ng	96
65) 4,6-Dinitro-2-methylph...	10.463	198	66614	39.467	ng	85
66) n-Nitrosodiphenylamine	10.533	169	928509	52.706	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	316446	52.988	ng	96
68) Hexachlorobenzene	10.963	284	354401	55.553	ng	96
69) Atrazine	11.063	200	314569	65.502	ng	99
70) Pentachlorophenol	11.157	266	285609	71.107	ng	99
71) Phenanthrene	11.380	178	1440699	48.833	ng	100
72) Anthracene	11.433	178	1452001	48.066	ng	100
73) Carbazole	11.592	167	1224590	45.444	ng	99
74) Di-n-butylphthalate	11.933	149	1549809	54.047	ng	99
75) Fluoranthene	12.574	202	1218681	39.264	ng	98
77) Benzidine	12.698	184	602110	102.337	ng	99
78) Pyrene	12.804	202	1199650	46.825	ng	99
80) Butylbenzylphthalate	13.439	149	461984	47.736	ng	99
81) Benzo(a)anthracene	13.998	228	1024005	49.356	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	178652	28.303	ng	98
83) Chrysene	14.039	228	982754	48.635	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	539536	51.213	ng	99
85) Di-n-octyl phthalate	14.627	149	1045114	62.974	ng	97
87) Indeno(1,2,3-cd)pyrene	17.003	276	823889	39.067	ng	99
88) Benzo(b)fluoranthene	15.062	252	1094390	49.445	ng	99
89) Benzo(k)fluoranthene	15.092	252	1052809	48.432	ng	100
90) Benzo(a)pyrene	15.439	252	954539	46.793	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	694121	38.480	ng	99
92) Benzo(g,h,i)perylene	17.462	276	602918	30.853	ng	100

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

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