Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136423.D
Acq On : 06 Dec 2023 12:26
Operator : CG\JU
Sample : 05256-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 06 13:07:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	104166	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	419328	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	198965	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	313485	20.000	ng		0.00
76) Chrysene-d12	13.974	240	162505	20.000	ng		0.00
86) Perylene-d12	15.451	264	193683	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	843741	119.622	ng		0.02
7) Phenol-d6	6.440	99	976912	111.011	ng		0.00
23) Nitrobenzene-d5	7.363	82	676525	87.219	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	295404	120.413	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1325109	90.876	ng		0.00
79) Terphenyl-d14	12.916	244	1050699	85.220	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	112123	40.190	ng	#	85
3) Pyridine	3.475	79	235992	34.930	ng		98
4) n-Nitrosodimethylamine	3.416	42	134024	45.660	ng		98
6) Aniline	6.463	93	230935	25.966	ng	#	84
8) 2-Chlorophenol	6.587	128	354716	46.066	ng		99
9) Benzaldehyde	6.351	77	27696	4.117	ng		99
10) Phenol	6.457	94	380909	40.677	ng		97
11) bis(2-Chloroethyl)ether	6.540	93	318636	45.650	ng		100
12) 1,3-Dichlorobenzene	6.740	146	360810	41.666	ng		98
13) 1,4-Dichlorobenzene	6.816	146	372834	42.442	ng		98
14) 1,2-Dichlorobenzene	6.969	146	353542	42.799	ng		99
15) Benzyl Alcohol	6.945	79	238631	40.495	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.075	45	401534	44.728	ng		94
17) 2-Methylphenol	7.057	107	288244	46.334	ng		98
18) Hexachloroethane	7.304	117	130947	42.696	ng		97
19) n-Nitroso-di-n-propyla...	7.216	70	227594	44.834	ng		99
20) 3+4-Methylphenols	7.210	107	325637	42.172	ng		93
22) Acetophenone	7.210	105	483966	46.738	ng		98
24) Nitrobenzene	7.381	77	341701	43.791	ng		99
25) Isophorone	7.616	82	627717	45.044	ng		99
26) 2-Nitrophenol	7.692	139	181503	47.314	ng		99
27) 2,4-Dimethylphenol	7.734	122	246250	52.060	ng		97
28) bis(2-Chloroethoxy)met...	7.828	93	393377	45.938	ng		99
29) 2,4-Dichlorophenol	7.934	162	285404	45.712	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	322415	44.286	ng		99
31) Naphthalene	8.098	128	1023628	44.266	ng		99
32) Benzoic acid	7.863	122	209037	44.548	ng		98
33) 4-Chloroaniline	8.145	127	149540	18.139	ng		97
34) Hexachlorobutadiene	8.210	225	180728	41.887	ng		97
35) Caprolactam	8.516	113	76380m	39.725	ng		
36) 4-Chloro-3-methylphenol	8.634	107	288637	43.540	ng		98
37) 2-Methylnaphthalene	8.792	142	637447	43.330	ng		96
38) 1-Methylnaphthalene	8.886	142	620606	42.990	ng		99
40) 1,2,4,5-Tetrachloroben...	8.957	216	309739	50.038	ng		99
41) Hexachlorocyclopentadiene	8.939	237	283130	123.462	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	196040	48.639	ng		96

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44) 2,4,5-Trichlorophenol	9.116	196	212811	47.307	ng		95
46) 1,1'-Biphenyl	9.257	154	827442	48.875	ng		100
47) 2-Chloronaphthalene	9.281	162	620510	47.091	ng		98
48) 2-Nitroaniline	9.381	65	165304	46.774	ng		87
49) Acenaphthylene	9.698	152	946992	50.450	ng		99
50) Dimethylphthalate	9.563	163	665327	45.420	ng		99
51) 2,6-Dinitrotoluene	9.622	165	149001	45.213	ng		98
52) Acenaphthene	9.869	154	561169	46.653	ng		98
53) 3-Nitroaniline	9.786	138	109352	32.494	ng		94
54) 2,4-Dinitrophenol	9.898	184	155895	93.563	ng	#	88
55) Dibenzofuran	10.039	168	827948	47.117	ng		99
56) 4-Nitrophenol	9.957	139	199741	79.176	ng		99
57) 2,4-Dinitrotoluene	10.028	165	182873	41.948	ng		99
58) Fluorene	10.386	166	635446	45.049	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	166430	46.188	ng		99
60) Diethylphthalate	10.263	149	617706	42.883	ng		100
61) 4-Chlorophenyl-phenyle...	10.375	204	307065	44.655	ng		98
62) 4-Nitroaniline	10.404	138	126364	37.816	ng		92
63) Azobenzene	10.539	77	578177	44.099	ng		98
65) 4,6-Dinitro-2-methylph...	10.433	198	94215	48.528	ng		94
66) n-Nitrosodiphenylamine	10.498	169	531274	52.815	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	183383	50.314	ng		95
68) Hexachlorobenzene	10.928	284	211024	50.094	ng		99
69) Atrazine	11.028	200	154406	53.781	ng		99
70) Pentachlorophenol	11.128	266	213726	89.896	ng		99
71) Phenanthrene	11.351	178	862375	50.049	ng		100
72) Anthracene	11.398	178	849583	48.954	ng		99
73) Carbazole	11.557	167	684697	44.575	ng		99
74) Di-n-butylphthalate	11.892	149	827887	43.965	ng		100
75) Fluoranthene	12.539	202	719768	39.862	ng		99
77) Benzidine	12.663	184	26218	11.665	ng	#	94
78) Pyrene	12.769	202	708935	44.545	ng		99
80) Butylbenzylphthalate	13.398	149	243170	42.921	ng		97
81) Benzo(a)anthracene	13.963	228	558397	49.331	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	165260	52.071	ng		99
83) Chrysene	13.998	228	544640	48.904	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	315129	45.373	ng	#	99
85) Di-n-octyl phthalate	14.574	149	524591	51.135	ng		99
87) Indeno(1,2,3-cd)pyrene	16.957	276	794674	59.059	ng		100
88) Benzo(b)fluoranthene	15.016	252	634195	47.891	ng		99
89) Benzo(k)fluoranthene	15.051	252	564542	45.236	ng		99
90) Benzo(a)pyrene	15.386	252	567470	51.888	ng		100
91) Dibenzo(a,h)anthracene	16.980	278	660080	59.880	ng		99
92) Benzo(g,h,i)perylene	17.415	276	646022	57.098	ng		99

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

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