Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136765.D
Acq On : 27 Dec 2023 18:56
Operator : CG\JU
Sample : 05796-05MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 27 22:44:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RT-SB-04-13-14MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	75735	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	276627	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	120002	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	181590	20.000	ng		0.00
76) Chrysene-d12	13.992	240	103564	20.000	ng		# 0.02
86) Perylene-d12	15.498	264	121257	20.000	ng		# 0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	408567	84.173	ng		0.00
7) Phenol-d6	6.434	99	522773	83.118	ng		0.00
23) Nitrobenzene-d5	7.351	82	331259	61.277	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	112214	79.399	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	610419	68.416	ng		-0.01
79) Terphenyl-d14	12.915	244	443945	59.905	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	72757	35.975	ng		100
3) Pyridine	3.357	79	176135	35.695	ng		96
4) n-Nitrosodimethylamine	3.322	42	104744	39.749	ng		96
6) Aniline	6.451	93	120668	19.189	ng	#	1
8) 2-Chlorophenol	6.575	128	215605	40.590	ng		94
9) Benzaldehyde	6.339	77	71556	20.002	ng		97
10) Phenol	6.445	94	254946	37.972	ng		99
11) bis(2-Chloroethyl)ether	6.522	93	205343	40.216	ng		99
12) 1,3-Dichlorobenzene	6.728	146	223475	38.566	ng		97
13) 1,4-Dichlorobenzene	6.804	146	228019	38.512	ng		97
14) 1,2-Dichlorobenzene	6.951	146	212653	38.598	ng		98
15) Benzyl Alcohol	6.934	79	178512	42.071	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	331598	39.722	ng		98
17) 2-Methylphenol	7.045	107	163966	37.261	ng		99
18) Hexachloroethane	7.292	117	81342	37.829	ng		91
19) n-Nitroso-di-n-propyla...	7.198	70	150591	39.498	ng		100
20) 3+4-Methylphenols	7.198	107	206210	37.509	ng		93
22) Acetophenone	7.192	105	306811	44.250	ng	#	92
24) Nitrobenzene	7.369	77	219586	40.549	ng		96
25) Isophorone	7.604	82	399294	40.592	ng		99
26) 2-Nitrophenol	7.681	139	112408	43.385	ng		95
27) 2,4-Dimethylphenol	7.722	122	96940	30.733	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	251677	42.092	ng		100
29) 2,4-Dichlorophenol	7.928	162	169848	41.825	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	179971	39.776	ng		99
31) Naphthalene	8.086	128	596141	39.227	ng		99
32) Benzoic acid	7.857	122	126564	41.469	ng		97
33) 4-Chloroaniline	8.133	127	56015	9.983	ng		99
34) Hexachlorobutadiene	8.198	225	108457	39.453	ng		99
35) Caprolactam	8.516	113	57618m	43.009	ng		
36) 4-Chloro-3-methylphenol	8.628	107	184227	40.297	ng		97
37) 2-Methylnaphthalene	8.775	142	365788	37.400	ng		100
38) 1-Methylnaphthalene	8.875	142	349909	36.466	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	174311	46.903	ng		97
41) Hexachlorocyclopentadiene	8.928	237	122591	102.020	ng		96
43) 2,4,6-Trichlorophenol	9.057	196	114136	47.888	ng		96

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44) 2,4,5-Trichlorophenol	9.104	196	118309	44.545	ng		96
46) 1,1'-Biphenyl	9.239	154	470001	46.673	ng		99
47) 2-Chloronaphthalene	9.263	162	332945	43.492	ng		100
48) 2-Nitroaniline	9.369	65	109033	45.482	ng		94
49) Acenaphthylene	9.680	152	520614	44.493	ng		100
50) Dimethylphthalate	9.545	163	398174	45.427	ng		98
51) 2,6-Dinitrotoluene	9.610	165	83800	42.126	ng		91
52) Acenaphthene	9.851	154	293321	40.440	ng		100
53) 3-Nitroaniline	9.780	138	70323	33.372	ng		90
54) 2,4-Dinitrophenol	9.892	184	79353	72.350	ng		90
55) Dibenzofuran	10.027	168	451296	41.045	ng		98
56) 4-Nitrophenol	9.957	139	112560	79.126	ng		99
57) 2,4-Dinitrotoluene	10.016	165	104374	40.416	ng		98
58) Fluorene	10.369	166	336322	38.551	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	84647	41.402	ng	#	99
60) Diethylphthalate	10.245	149	380836	41.876	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	165313	38.984	ng		97
62) 4-Nitroaniline	10.392	138	65170m	32.080	ng		
63) Azobenzene	10.522	77	317592	37.389	ng		98
65) 4,6-Dinitro-2-methylph...	10.427	198	49105	47.185	ng		85
66) n-Nitrosodiphenylamine	10.480	169	292685	49.617	ng		100
67) 4-Bromophenyl-phenylether	10.851	248	92383	45.809	ng		96
68) Hexachlorobenzene	10.916	284	95673	42.570	ng	#	92
69) Atrazine	11.016	200	90082	59.706	ng		98
70) Pentachlorophenol	11.121	266	91091	86.956	ng		98
71) Phenanthrene	11.333	178	412895	44.314	ng		99
72) Anthracene	11.386	178	404839	42.903	ng		99
73) Carbazole	11.545	167	374274	42.070	ng		99
74) Di-n-butylphthalate	11.880	149	483386	44.527	ng		100
75) Fluoranthene	12.533	202	399180	40.052	ng		97
77) Benzidine	12.668	184	12378	4.053	ng	#	1
78) Pyrene	12.768	202	424584	41.763	ng		98
80) Butylbenzylphthalate	13.398	149	160441	43.370	ng		92
81) Benzo(a)anthracene	13.980	228	368647	51.262	ng	#	94
82) 3,3'-Dichlorobenzidine	13.939	252	76145	37.284	ng	#	91
83) Chrysene	14.015	228	355973	50.619	ng	#	94
84) Bis(2-ethylhexyl)phtha...	13.968	149	215026	46.198	ng	#	93
85) Di-n-octyl phthalate	14.592	149	385429	53.534	ng		97
87) Indeno(1,2,3-cd)pyrene	17.015	276	322827	36.874	ng		99
88) Benzo(b)fluoranthene	15.057	252	347085	42.856	ng	#	85
89) Benzo(k)fluoranthene	15.092	252	282711	36.943	ng	#	86
90) Benzo(a)pyrene	15.439	252	288946	42.266	ng	#	87
91) Dibenzo(a,h)anthracene	17.027	278	266882	37.157	ng		94
92) Benzo(g,h,i)perylene	17.468	276	240577	32.703	ng		100

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

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