Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136777.D
Acq On : 28 Dec 2023 01:06
Operator : CG\JU
Sample : 05853-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 28 01:47:27 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 :
EAST-WALLMS

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	6.787	152	76355	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	292269	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	142604	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	234980	20.000	ng		0.00
76) Chrysene-d12	13.968	240	140585	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	152326	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	398545	81.441	ng		0.00
7) Phenol-d6	6.434	99	499939	78.842	ng		0.00
23) Nitrobenzene-d5	7.345	82	314774	55.111	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	119072	70.898	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	630541	59.470	ng		-0.01
79) Terphenyl-d14	12.904	244	479981	47.712	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	69182	33.930	ng		100
3) Pyridine	3.363	79	166413	33.450	ng		97
4) n-Nitrosodimethylamine	3.328	42	101725	38.290	ng		99
6) Aniline	6.451	93	172117	27.149	ng	#	35
8) 2-Chlorophenol	6.575	128	212866	39.749	ng		95
9) Benzaldehyde	6.340	77	55639	15.426	ng		96
10) Phenol	6.445	94	258302	38.159	ng		95
11) bis(2-Chloroethyl)ether	6.522	93	201067	39.059	ng		100
12) 1,3-Dichlorobenzene	6.728	146	220796	37.794	ng		95
13) 1,4-Dichlorobenzene	6.804	146	224571	37.621	ng		97
14) 1,2-Dichlorobenzene	6.951	146	213925	38.514	ng		98
15) Benzyl Alcohol	6.934	79	176592	41.280	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	322882	38.364	ng		99
17) 2-Methylphenol	7.045	107	170043	38.328	ng		99
18) Hexachloroethane	7.292	117	79877	36.846	ng	#	89
19) n-Nitroso-di-n-propyla...	7.198	70	149131	38.797	ng		97
20) 3+4-Methylphenols	7.198	107	210442	37.968	ng	#	87
22) Acetophenone	7.192	105	299102	40.829	ng	#	92
24) Nitrobenzene	7.369	77	216107	37.771	ng		96
25) Isophorone	7.604	82	404278	38.900	ng		100
26) 2-Nitrophenol	7.681	139	103058	37.648	ng		97
27) 2,4-Dimethylphenol	7.722	122	164707	49.422	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	250887	39.714	ng		98
29) 2,4-Dichlorophenol	7.928	162	169831	39.583	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	187471	39.216	ng		98
31) Naphthalene	8.086	128	620012	38.614	ng		100
32) Benzoic acid	7.834	122	69311m	21.495	ng		
33) 4-Chloroaniline	8.134	127	90225	15.219	ng		98
34) Hexachlorobutadiene	8.198	225	107944	37.165	ng		99
35) Caprolactam	8.516	113	50308	35.543	ng		95
36) 4-Chloro-3-methylphenol	8.628	107	185472	38.399	ng		97
37) 2-Methylnaphthalene	8.775	142	393486	38.079	ng		99
38) 1-Methylnaphthalene	8.875	142	378366	37.322	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	191373	43.333	ng		97
41) Hexachlorocyclopentadiene	8.928	237	52294	39.761	ng		100
43) 2,4,6-Trichlorophenol	9.057	196	114628	40.472	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	115993	36.751	ng		96
46) 1,1'-Biphenyl	9.239	154	517794	43.270	ng		98
47) 2-Chloronaphthalene	9.269	162	371799	40.869	ng		97
48) 2-Nitroaniline	9.369	65	118055	41.441	ng		93
49) Acenaphthylene	9.680	152	600948	43.218	ng		99
50) Dimethylphthalate	9.545	163	442176	42.451	ng		99
51) 2,6-Dinitrotoluene	9.610	165	94720	40.068	ng	#	86
52) Acenaphthene	9.857	154	348179	40.395	ng		99
53) 3-Nitroaniline	9.780	138	82376	32.895	ng		96
54) 2,4-Dinitrophenol	9.892	184	12537	12.857	ng	#	84
55) Dibenzofuran	10.028	168	533443	40.827	ng		97
56) 4-Nitrophenol	9.957	139	103138	61.012	ng		99
57) 2,4-Dinitrotoluene	10.016	165	116816	38.065	ng		98
58) Fluorene	10.369	166	414165	39.949	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.151	232	83959	34.557	ng		99
60) Diethylphthalate	10.245	149	446952	41.356	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	197874	39.267	ng		96
62) 4-Nitroaniline	10.398	138	83350m	34.527	ng		
63) Azobenzene	10.522	77	390829	38.718	ng		98
65) 4,6-Dinitro-2-methylph...	10.427	198	12505	9.286	ng		92
66) n-Nitrosodiphenylamine	10.486	169	360568	47.237	ng		100
67) 4-Bromophenyl-phenylether	10.857	248	118260	45.317	ng		94
68) Hexachlorobenzene	10.922	284	122419	42.095	ng		98
69) Atrazine	11.016	200	112188	57.463	ng		98
70) Pentachlorophenol	11.122	266	86197	63.588	ng		99
71) Phenanthrene	11.339	178	624654	51.808	ng		99
72) Anthracene	11.386	178	539119	44.152	ng		99
73) Carbazole	11.545	167	457958	39.780	ng		100
74) Di-n-butylphthalate	11.880	149	642712	45.752	ng		99
75) Fluoranthene	12.533	202	622862	48.296	ng		99
77) Benzidine	12.657	184	102369	24.695	ng		99
78) Pyrene	12.763	202	603733	43.746	ng		100
80) Butylbenzylphthalate	13.386	149	209830	41.785	ng		96
81) Benzo(a)anthracene	13.957	228	484711	49.652	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	122459	44.172	ng		96
83) Chrysene	13.998	228	456994	47.871	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	294508	46.612	ng		98
85) Di-n-octyl phthalate	14.563	149	525468	53.765	ng		98
87) Indeno(1,2,3-cd)pyrene	16.951	276	367789	33.441	ng		98
88) Benzo(b)fluoranthene	15.015	252	521749	51.283	ng		99
89) Benzo(k)fluoranthene	15.045	252	381088	39.641	ng		98
90) Benzo(a)pyrene	15.386	252	398928	46.452	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	289255	32.058	ng		98
92) Benzo(g,h,i)perylene	17.409	276	275960	29.861	ng		98

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

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