Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
Data File : BF126690.D
Acq On : 26 Jan 2022 16:57
Operator : CG/JU
Sample : N1248-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 27 03:13:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
C1-C2MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	138945	20.000	ng		0.00
21) Naphthalene-d8	8.240	136	456104	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	376917	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	612237	20.000	ng		0.00
76) Chrysene-d12	14.139	240	319330	20.000	ng	#	0.00
86) Perylene-d12	15.663	264	331483	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	1220259	115.567	ng		0.02
7) Phenol-d6	6.581	99	1368622	93.291	ng		0.00
23) Nitrobenzene-d5	7.522	82	1536139	131.826	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	477097	135.256	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	2009929	81.668	ng		0.00
79) Terphenyl-d14	13.080	244	1957630	102.823	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.993	88	247037	47.471	ng	#	77
3) Pyridine	3.687	79	582837	39.981	ng	#	84
4) n-Nitrosodimethylamine	3.646	42	270851	52.511	ng	#	73
6) Aniline	6.622	93	157783m	8.583	ng		
8) 2-Chlorophenol	6.740	128	399229	41.222	ng		93
9) Benzaldehyde	6.516	77	397508	44.112	ng		88
10) Phenol	6.593	94	547362	35.080	ng		93
11) bis(2-Chloroethyl)ether	6.693	93	511536	40.400	ng		96
12) 1,3-Dichlorobenzene	6.898	146	436759m	40.623	ng		
13) 1,4-Dichlorobenzene	6.975	146	433016	39.883	ng		96
14) 1,2-Dichlorobenzene	7.128	146	528232	51.608	ng		99
15) Benzyl Alcohol	7.098	79	694445	53.095	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.228	45	827468	57.281	ng		85
17) 2-Methylphenol	7.198	107	538930	56.601	ng	#	92
18) Hexachloroethane	7.469	117	206790	47.171	ng		94
19) n-Nitroso-di-n-propyla...	7.369	70	557909	52.106	ng	#	85
20) 3+4-Methylphenols	7.351	107	654502	53.013	ng	#	81
22) Acetophenone	7.369	105	899147	63.969	ng	#	88
24) Nitrobenzene	7.540	77	835707	69.471	ng	#	86
25) Isophorone	7.775	82	1246675	55.166	ng	#	94
26) 2-Nitrophenol	7.851	139	224099	71.414	ng	#	68
27) 2,4-Dimethylphenol	7.887	122	440686	59.177	ng		84
28) bis(2-Chloroethoxy)met...	7.987	93	656631	46.588	ng	#	97
29) 2,4-Dichlorophenol	8.092	162	337758	47.814	ng		96
30) 1,2,4-Trichlorobenzene	8.175	180	337077	44.496	ng		98
31) Naphthalene	8.263	128	1125767	45.689	ng		99
32) Benzoic acid	7.951	122	81044	19.185	ng	#	71
33) 4-Chloroaniline	8.304	127	54679	5.554	ng		92
34) Hexachlorobutadiene	8.375	225	208284	43.224	ng		97
35) Caprolactam	8.681	113	96549m	38.273	ng		
36) 4-Chloro-3-methylphenol	8.781	107	454969	49.251	ng	#	84
37) 2-Methylnaphthalene	8.951	142	823025	53.710	ng		99
38) 1-Methylnaphthalene	9.051	142	960056	64.640	ng		99
40) 1,2,4,5-Tetrachloroben...	9.116	216	458513	43.371	ng		98
41) Hexachlorocyclopentadiene	9.104	237	477318	74.156	ng		96
43) 2,4,6-Trichlorophenol	9.228	196	293779	38.981	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	363609	46.585	ng	#	91
46) 1,1'-Biphenyl	9.422	154	1310824	46.162	ng		98
47) 2-Chloronaphthalene	9.445	162	1029262	46.136	ng		99
48) 2-Nitroaniline	9.539	65	449630	58.371	ng		90
49) Acenaphthylene	9.863	152	1657895	47.374	ng		98
50) Dimethylphthalate	9.722	163	1243060	46.499	ng	#	99
51) 2,6-Dinitrotoluene	9.781	165	279139	60.427	ng	#	80
52) Acenaphthene	10.034	154	1000819	46.778	ng		97
53) 3-Nitroaniline	9.945	138	82164	15.557	ng	#	78
54) 2,4-Dinitrophenol	10.051	184	86027	47.455	ng		96
55) Dibenzofuran	10.210	168	1461179	45.446	ng		99
56) 4-Nitrophenol	10.104	139	397021	94.401	ng	#	72
57) 2,4-Dinitrotoluene	10.186	165	361571	64.592	ng		92
58) Fluorene	10.551	166	1112658	45.835	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.322	232	299231	46.891	ng	#	83
60) Diethylphthalate	10.422	149	1190684	44.806	ng		97
61) 4-Chlorophenyl-phenyle...	10.539	204	539657	44.513	ng		90
62) 4-Nitroaniline	10.569	138	267585	52.203	ng	#	75
63) Azobenzene	10.704	77	1735474	44.130	ng		93
65) 4,6-Dinitro-2-methylph...	10.592	198	92120	34.029	ng		96
66) n-Nitrosodiphenylamine	10.663	169	991450	47.974	ng		100
67) 4-Bromophenyl-phenylether	11.033	248	342298	48.511	ng		93
68) Hexachlorobenzene	11.098	284	371579	49.358	ng	#	87
69) Atrazine	11.186	200	320139	48.504	ng		93
70) Pentachlorophenol	11.286	266	327913	74.905	ng		98
71) Phenanthrene	11.522	178	1623196	46.406	ng		100
72) Anthracene	11.569	178	1691884	48.209	ng		99
73) Carbazole	11.722	167	1445852	43.882	ng		98
74) Di-n-butylphthalate	12.051	149	1781614	44.841	ng		99
75) Fluoranthene	12.710	202	1472502	42.621	ng		99
77) Benzidine	12.827	184	303918	27.589	ng		97
78) Pyrene	12.939	202	1453102	56.270	ng		99
80) Butylbenzylphthalate	13.551	149	561776	50.073	ng	#	87
81) Benzo(a)anthracene	14.127	228	1058842	48.784	ng		98
82) 3,3'-Dichlorobenzidine	14.086	252	85966	12.057	ng		96
83) Chrysene	14.169	228	1013486	48.528	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	711663	46.838	ng		100
85) Di-n-octyl phthalate	14.733	149	1130640	48.603	ng		96
87) Indeno(1,2,3-cd)pyrene	17.227	276	850561	41.529	ng	#	87
88) Benzo(b)fluoranthene	15.210	252	1083446	49.287	ng	#	96
89) Benzo(k)fluoranthene	15.245	252	959970	44.477	ng	#	95
90) Benzo(a)pyrene	15.598	252	1031250	57.659	ng	#	96
91) Dibenzo(a,h)anthracene	17.251	278	722444	42.579	ng	#	91
92) Benzo(g,h,i)perylene	17.704	276	726341	43.658	ng	#	87

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

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