Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
Data File : BF131488.D
Acq On : 01 Dec 2022 13:50
Operator : CG\JU
Sample : N5806-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 02 03:26:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 01 12:46:17 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
12/02/2022
Supervised By :Jagrut Upadhyay
12/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	86527	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	274366	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	208617	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	388060	20.000	ng	0.00
76) Chrysene-d12	14.157	240	234233	20.000	ng	0.00
86) Perylene-d12	15.686	264	200342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	649049	142.762	ng	0.02
7) Phenol-d6	6.575	99	809827	139.610	ng	0.00
23) Nitrobenzene-d5	7.516	82	537594	98.771	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	324867	185.098	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1282273	89.421	ng	0.00
79) Terphenyl-d14	13.092	244	1448025	101.092	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	96091	44.334	ng	# 78
3) Pyridine	3.675	79	205971	34.224	ng	93
4) n-Nitrosodimethylamine	3.628	42	150081	42.286	ng	93
6) Aniline	6.610	93	180233m	23.708	ng	
8) 2-Chlorophenol	6.728	128	263843	51.225	ng	98
9) Benzaldehyde	6.498	77	89892	22.295	ng	93
10) Phenol	6.587	94	308283m	47.935	ng	
11) bis(2-Chloroethyl)ether	6.681	93	272726	50.614	ng	98
12) 1,3-Dichlorobenzene	6.887	146	282847	46.077	ng	98
13) 1,4-Dichlorobenzene	6.963	146	275313	44.138	ng	99
14) 1,2-Dichlorobenzene	7.116	146	249298	43.407	ng	98
15) Benzyl Alcohol	7.087	79	219037	46.053	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.216	45	401195	38.932	ng	95
17) 2-Methylphenol	7.198	107	203222	46.292	ng	99
18) Hexachloroethane	7.457	117	98648	44.211	ng	98
19) n-Nitroso-di-n-propyla...	7.363	70	183682	43.256	ng	97
20) 3+4-Methylphenols	7.351	107	246367m	43.954	ng	
22) Acetophenone	7.357	105	355044	50.838	ng	95
24) Nitrobenzene	7.534	77	283369	49.970	ng	99
25) Isophorone	7.775	82	510318	52.553	ng	97
26) 2-Nitrophenol	7.845	139	129483	67.515	ng	99
27) 2,4-Dimethylphenol	7.881	122	224147	59.543	ng	99
28) bis(2-Chloroethoxy)met...	7.981	93	299498	54.302	ng	99
29) 2,4-Dichlorophenol	8.092	162	220216	53.930	ng	96
30) 1,2,4-Trichlorobenzene	8.175	180	243690	48.175	ng	98
31) Naphthalene	8.257	128	713338	48.789	ng	100
32) Benzoic acid	8.010	122	144612	57.317	ng	94
33) 4-Chloroaniline	8.304	127	59794	10.366	ng	95
34) Hexachlorobutadiene	8.369	225	155848	47.580	ng	100
35) Caprolactam	8.687	113	74591m	69.516	ng	
36) 4-Chloro-3-methylphenol	8.792	107	307893	72.577	ng	98
37) 2-Methylnaphthalene	8.951	142	633767	63.975	ng	100
38) 1-Methylnaphthalene	9.051	142	594546	61.891	ng	100
40) 1,2,4,5-Tetrachloroben...	9.116	216	322961	47.706	ng	99
41) Hexachlorocyclopentadiene	9.098	237	347337	114.129	ng	97
43) 2,4,6-Trichlorophenol	9.228	196	215748	56.178	ng	96

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44) 2,4,5-Trichlorophenol	9.275	196	233297	54.022	ng		96
46) 1,1'-Biphenyl	9.422	154	786992	49.434	ng		100
47) 2-Chloronaphthalene	9.445	162	617966	48.389	ng		100
48) 2-Nitroaniline	9.545	65	211555	54.558	ng		94
49) Acenaphthylene	9.863	152	948620	48.727	ng		99
50) Dimethylphthalate	9.722	163	738287	50.793	ng		99
51) 2,6-Dinitrotoluene	9.786	165	163821	56.358	ng	#	81
52) Acenaphthene	10.039	154	674285m	55.312	ng		
53) 3-Nitroaniline	9.957	138	89342	29.911	ng		95
54) 2,4-Dinitrophenol	10.063	184	179667	113.885	ng	#	85
55) Dibenzofuran	10.210	168	842131	48.017	ng		98
56) 4-Nitrophenol	10.122	139	238176	114.895	ng		93
57) 2,4-Dinitrotoluene	10.192	165	222042	60.710	ng		92
58) Fluorene	10.557	166	663610	48.483	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	206980	57.551	ng		95
60) Diethylphthalate	10.428	149	677315	49.351	ng		98
61) 4-Chlorophenyl-phenyle...	10.545	204	339706	48.414	ng		95
62) 4-Nitroaniline	10.581	138	158571	53.343	ng		93
63) Azobenzene	10.704	77	683148	46.293	ng		95
65) 4,6-Dinitro-2-methylph...	10.604	198	118922	64.598	ng	#	69
66) n-Nitrosodiphenylamine	10.669	169	584102	47.237	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	223885	47.072	ng		95
68) Hexachlorobenzene	11.104	284	241239	47.789	ng	#	88
69) Atrazine	11.198	200	212588	55.838	ng		98
70) Pentachlorophenol	11.298	266	269589	91.184	ng		98
71) Phenanthrene	11.528	178	980602	46.758	ng		99
72) Anthracene	11.575	178	1007176	48.867	ng		99
73) Carbazole	11.733	167	877420	49.907	ng		99
74) Di-n-butylphthalate	12.057	149	1064276	51.373	ng		99
75) Fluoranthene	12.722	202	1059807	47.957	ng		99
77) Benzidine	12.839	184	197453	45.637	ng		95
78) Pyrene	12.951	202	1045594	50.595	ng		99
80) Butylbenzylphthalate	13.569	149	400708	56.801	ng		94
81) Benzo(a)anthracene	14.145	228	785216	48.906	ng		98
82) 3,3'-Dichlorobenzidine	14.104	252	133612	31.361	ng		99
83) Chrysene	14.180	228	737601	46.826	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	550070	58.709	ng	#	98
85) Di-n-octyl phthalate	14.751	149	771998	56.055	ng		95
87) Indeno(1,2,3-cd)pyrene	17.262	276	773730	57.502	ng		99
88) Benzo(b)fluoranthene	15.233	252	656569	49.332	ng		99
89) Benzo(k)fluoranthene	15.263	252	651213	47.613	ng		99
90) Benzo(a)pyrene	15.621	252	582314	53.323	ng	#	98
91) Dibenzo(a,h)anthracene	17.280	278	660436	59.450	ng		98
92) Benzo(g,h,i)perylene	17.739	276	662112	59.716	ng		99

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

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