Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
Data File : BF130078.D
Acq On : 01 Sep 2022 14:44
Operator : CG\JU
Sample : N4421-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

Quant Time: Sep 02 03:59:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	264877	20.000	ng		0.00
21) Naphthalene-d8	7.987	136	1057727	20.000	ng		0.00
39) Acenaphthene-d10	9.739	164	522487	20.000	ng		0.00
64) Phenanthrene-d10	11.222	188	813811	20.000	ng		0.00
76) Chrysene-d12	13.851	240	517102	20.000	ng	#	0.00
86) Perylene-d12	15.251	264	500113	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1872316	120.001	ng		0.03
7) Phenol-d6	6.346	99	2191227	112.649	ng		0.00
23) Nitrobenzene-d5	7.275	82	1532099	93.088	ng		0.00
42) 2,4,6-Tribromophenol	10.528	330	643798	135.363	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	2713711	86.112	ng		0.00
79) Terphenyl-d14	12.810	244	2576678	86.410	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	285351m	39.134	ng		
3) Pyridine	3.316	79	650325	33.260	ng		90
4) n-Nitrosodimethylamine	3.228	42	326905	42.514	ng		79
6) Aniline	6.369	93	458581	18.804	ng	#	51
8) 2-Chlorophenol	6.487	128	817482	47.736	ng		100
9) Benzaldehyde	6.257	77	320936	26.956	ng		96
10) Phenol	6.357	94	822825	37.423	ng	#	62
11) bis(2-Chloroethyl)ether	6.446	93	813210	48.679	ng		99
12) 1,3-Dichlorobenzene	6.646	146	817565	43.066	ng		97
13) 1,4-Dichlorobenzene	6.722	146	820014	42.882	ng		97
14) 1,2-Dichlorobenzene	6.875	146	778194	44.768	ng		97
15) Benzyl Alcohol	6.851	79	623341	47.543	ng		93
16) 2,2'-oxybis(1-Chloropr...	6.987	45	992770	43.727	ng	#	52
17) 2-Methylphenol	6.963	107	633489	43.968	ng	#	87
18) Hexachloroethane	7.216	117	305863	44.294	ng		94
19) n-Nitroso-di-n-propyla...	7.128	70	514423	43.898	ng		92
20) 3+4-Methylphenols	7.116	107	709791	42.009	ng	#	71
22) Acetophenone	7.122	105	1044433	44.197	ng	#	98
24) Nitrobenzene	7.293	77	784164	44.800	ng		97
25) Isophorone	7.534	82	1476484	44.323	ng		98
26) 2-Nitrophenol	7.604	139	414724	50.259	ng		95
27) 2,4-Dimethylphenol	7.645	122	706028m	50.511	ng		
28) bis(2-Chloroethoxy)met...	7.745	93	965138	48.232	ng		98
29) 2,4-Dichlorophenol	7.845	162	645001	43.140	ng		98
30) 1,2,4-Trichlorobenzene	7.928	180	663025	42.057	ng		98
31) Naphthalene	8.010	128	2238958	41.970	ng		99
32) Benzoic acid	7.751	122	233309	24.216	ng		96
33) 4-Chloroaniline	8.057	127	308509	14.314	ng		98
34) Hexachlorobutadiene	8.128	225	373453	41.363	ng		99
35) Caprolactam	8.445	113	161442	34.844	ng		95
36) 4-Chloro-3-methylphenol	8.545	107	644191	42.579	ng		93
37) 2-Methylnaphthalene	8.698	142	1484218	43.191	ng		98
38) 1-Methylnaphthalene	8.798	142	1386702	41.516	ng		99
40) 1,2,4,5-Tetrachloroben...	8.863	216	596639	43.792	ng		98
41) Hexachlorocyclopentadiene	8.851	237	671396	94.293	ng		98
43) 2,4,6-Trichlorophenol	8.975	196	440112	45.255	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	436960	41.454	ng		96
46) 1,1'-Biphenyl	9.163	154	1711068	45.077	ng		99
47) 2-Chloronaphthalene	9.187	162	1327448	43.646	ng		99
48) 2-Nitroaniline	9.287	65	387957	51.763	ng		91
49) Acenaphthylene	9.604	152	1988568	43.057	ng		99
50) Dimethylphthalate	9.475	163	1488741	41.833	ng		100
51) 2,6-Dinitrotoluene	9.534	165	348397	50.212	ng	#	85
52) Acenaphthene	9.775	154	1226545	42.140	ng		99
53) 3-Nitroaniline	9.698	138	231743	29.099	ng		94
54) 2,4-Dinitrophenol	9.798	184	49082	22.098	ng	#	84
55) Dibenzofuran	9.945	168	1770256	42.473	ng		99
56) 4-Nitrophenol	9.863	139	502837	81.896	ng		88
57) 2,4-Dinitrotoluene	9.934	165	431388	54.002	ng	#	83
58) Fluorene	10.286	166	1313387	41.415	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.063	232	321187	39.231	ng	#	80
60) Diethylphthalate	10.175	149	1440136	41.830	ng		100
61) 4-Chlorophenyl-phenyle...	10.281	204	589212	42.030	ng		99
62) 4-Nitroaniline	10.316	138	362970	46.863	ng		93
63) Azobenzene	10.439	77	1367019	40.328	ng		96
65) 4,6-Dinitro-2-methylph...	10.333	198	57450	19.176	ng		97
66) n-Nitrosodiphenylamine	10.404	169	1207504	44.385	ng		98
67) 4-Bromophenyl-phenylether	10.769	248	405565	44.804	ng		99
68) Hexachlorobenzene	10.828	284	441270	44.738	ng		98
69) Atrazine	10.933	200	371990	48.333	ng		96
70) Pentachlorophenol	11.028	266	292663	53.062	ng		96
71) Phenanthrene	11.245	178	1876702	42.523	ng		99
72) Anthracene	11.298	178	1893363	43.640	ng		99
73) Carbazole	11.457	167	1795227	44.871	ng		99
74) Di-n-butylphthalate	11.792	149	2110456	43.746	ng		100
75) Fluoranthene	12.427	202	1908449	43.607	ng		96
77) Benzidine	12.557	184	639270	45.789	ng		99
78) Pyrene	12.657	202	1936435	41.750	ng		99
80) Butylbenzylphthalate	13.286	149	881054	47.758	ng		97
81) Benzo(a)anthracene	13.839	228	1509532	42.597	ng		99
82) 3,3'-Dichlorobenzidine	13.810	252	356464	32.256	ng		98
83) Chrysene	13.880	228	1492759	42.726	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	1055219	46.017	ng		100
85) Di-n-octyl phthalate	14.457	149	1908677	52.693	ng		98
87) Indeno(1,2,3-cd)pyrene	16.604	276	1506656	45.671	ng	#	95
88) Benzo(b)fluoranthene	14.857	252	1485978	44.556	ng		98
89) Benzo(k)fluoranthene	14.886	252	1391153	43.130	ng		98
90) Benzo(a)pyrene	15.198	252	1249729	47.158	ng		98
91) Dibenzo(a,h)anthracene	16.627	278	1278107	47.347	ng	#	96
92) Benzo(g,h,i)perylene	17.015	276	1313662	48.640	ng	#	91

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

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