Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136627.D
Acq On : 18 Dec 2023 21:48
Operator : CG\JU
Sample : 05485-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

Quant Time: Dec 19 01:07:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 00:56:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	73500	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	242352	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	105810	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	215134	20.000	ng		0.00
76) Chrysene-d12	13.974	240	180032	20.000	ng		0.00
86) Perylene-d12	15.457	264	131746	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	443039	89.019	ng		0.00
7) Phenol-d6	6.439	99	500798	80.651	ng		0.00
23) Nitrobenzene-d5	7.351	82	291773	65.084	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	125607	96.277	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	532779	68.706	ng		0.00
79) Terphenyl-d14	12.910	244	735887	53.876	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	90617	46.033	ng		97
3) Pyridine	3.363	79	208706	43.780	ng		93
4) n-Nitrosodimethylamine	3.328	42	92319	44.574	ng		96
6) Aniline	6.457	93	73558	11.722	ng	#	1
8) 2-Chlorophenol	6.581	128	222357	40.925	ng		99
9) Benzaldehyde	6.339	77	23925	5.378	ng		97
10) Phenol	6.451	94	253326	38.340	ng		97
11) bis(2-Chloroethyl)ether	6.528	93	216984	44.057	ng		96
12) 1,3-Dichlorobenzene	6.734	146	249382	40.814	ng		97
13) 1,4-Dichlorobenzene	6.810	146	253234	40.855	ng		98
14) 1,2-Dichlorobenzene	6.957	146	234937	40.307	ng		98
15) Benzyl Alcohol	6.934	79	163013	39.204	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	236314	37.307	ng		94
17) 2-Methylphenol	7.051	107	162794	37.087	ng		94
18) Hexachloroethane	7.298	117	76767	35.474	ng		92
19) n-Nitroso-di-n-propyla...	7.198	70	136315	38.056	ng		99
20) 3+4-Methylphenols	7.204	107	205203	37.663	ng	#	79
22) Acetophenone	7.198	105	294949	49.285	ng		94
24) Nitrobenzene	7.369	77	199858	44.317	ng		96
25) Isophorone	7.610	82	354464	44.010	ng		95
26) 2-Nitrophenol	7.686	139	103114	46.509	ng		94
27) 2,4-Dimethylphenol	7.728	122	149283	54.606	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	227171	45.901	ng		98
29) 2,4-Dichlorophenol	7.933	162	155076	42.976	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	183808	43.684	ng		98
31) Naphthalene	8.092	128	577470	43.208	ng		99
32) Benzoic acid	7.845	122	102087m	37.643	ng		
33) 4-Chloroaniline	8.145	127	58072	12.188	ng		98
34) Hexachlorobutadiene	8.204	225	108936	43.685	ng		99
35) Caprolactam	8.498	113	48658	43.787	ng		88
36) 4-Chloro-3-methylphenol	8.633	107	148371	38.725	ng		97
37) 2-Methylnaphthalene	8.780	142	340865	40.090	ng		94
38) 1-Methylnaphthalene	8.880	142	326914	39.183	ng		95
40) 1,2,4,5-Tetrachloroben...	8.945	216	164959	50.111	ng		98
41) Hexachlorocyclopentadiene	8.928	237	11995	9.835	ng		94
43) 2,4,6-Trichlorophenol	9.063	196	99345	46.348	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	104873	43.838	ng		95
46) 1,1'-Biphenyl	9.245	154	425857	47.300	ng		98
47) 2-Chloronaphthalene	9.269	162	315948	45.087	ng		97
48) 2-Nitroaniline	9.369	65	86636	46.097	ng		94
49) Acenaphthylene	9.686	152	486360	48.722	ng		99
50) Dimethylphthalate	9.551	163	362391	46.519	ng		100
51) 2,6-Dinitrotoluene	9.616	165	76748	43.792	ng	#	87
52) Acenaphthene	9.857	154	286244	44.748	ng		93
53) 3-Nitroaniline	9.780	138	63694	35.590	ng		98
54) 2,4-Dinitrophenol	9.892	184	11364	12.825	ng	#	86
55) Dibenzofuran	10.033	168	429341	45.944	ng		96
56) 4-Nitrophenol	9.957	139	135797	101.219	ng		92
57) 2,4-Dinitrotoluene	10.022	165	100669	43.421	ng	#	94
58) Fluorene	10.374	166	344071	45.867	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	90989	47.483	ng		97
60) Diethylphthalate	10.251	149	335321	43.774	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	164759	45.054	ng		95
62) 4-Nitroaniline	10.398	138	75860	42.689	ng		96
63) Azobenzene	10.527	77	297499	42.668	ng		96
65) 4,6-Dinitro-2-methylph...	10.427	198	10700	8.031	ng		95
66) n-Nitrosodiphenylamine	10.486	169	296920	43.012	ng		98
67) 4-Bromophenyl-phenylether	10.863	248	104225	41.669	ng		98
68) Hexachlorobenzene	10.927	284	122559	42.395	ng	#	93
69) Atrazine	11.022	200	102606	52.077	ng		96
70) Pentachlorophenol	11.127	266	136057	83.390	ng		98
71) Phenanthrene	11.345	178	575011	48.628	ng		99
72) Anthracene	11.392	178	581238	48.802	ng		98
73) Carbazole	11.551	167	515163	48.871	ng		98
74) Di-n-butylphthalate	11.886	149	597210	46.214	ng		100
75) Fluoranthene	12.539	202	726814	58.653	ng		98
77) Benzidine	12.663	184	133245	35.261	ng		99
78) Pyrene	12.768	202	756556	42.909	ng		97
80) Butylbenzylphthalate	13.392	149	280381	44.671	ng		96
81) Benzo(a)anthracene	13.962	228	618293	49.304	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	153620	43.691	ng		100
83) Chrysene	14.004	228	574745	46.583	ng		98
84) Bis(2-ethylhexyl)phtha...	13.957	149	396760	51.564	ng		98
85) Di-n-octyl phthalate	14.574	149	657911	57.887	ng		98
87) Indeno(1,2,3-cd)pyrene	16.968	276	394189	43.068	ng		99
88) Benzo(b)fluoranthene	15.021	252	484656	53.804	ng		97
89) Benzo(k)fluoranthene	15.051	252	371848	43.803	ng		98
90) Benzo(a)pyrene	15.392	252	361324	48.571	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	314658	41.964	ng		98
92) Benzo(g,h,i)perylene	17.427	276	313097	40.682	ng		99

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

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