Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
Data File : BF134994.D
Acq On : 29 Aug 2023 20:48
Operator : CG\JU
Sample : 04188-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

Quant Time: Aug 29 22:29:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 02:45:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	127371	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	512272	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	263934	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	463997	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	237770	20.000	ng	-0.01
86) Perylene-d12	15.439	264	283502	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	733655	91.852	ng	0.00
7) Phenol-d6	6.428	99	939738	92.074	ng	-0.01
23) Nitrobenzene-d5	7.351	82	579815	62.369	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	274770	88.394	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1085534	63.581	ng	-0.01
79) Terphenyl-d14	12.910	244	1010869	58.475	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	130221	37.566	ng	99
3) Pyridine	3.352	79	330393	35.369	ng	99
4) n-Nitrosodimethylamine	3.316	42	177571	42.994	ng	94
6) Aniline	6.451	93	362862	28.765	ng	98
8) 2-Chlorophenol	6.569	128	378425	45.151	ng	96
9) Benzaldehyde	6.340	77	138148	24.679	ng	99
10) Phenol	6.440	94	443379	42.430	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	334479	42.197	ng	99
12) 1,3-Dichlorobenzene	6.728	146	392755	44.931	ng	98
13) 1,4-Dichlorobenzene	6.804	146	396574	45.327	ng	98
14) 1,2-Dichlorobenzene	6.951	146	378747	46.703	ng	100
15) Benzyl Alcohol	6.934	79	326842	46.088	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	477131	41.568	ng	99
17) 2-Methylphenol	7.045	107	294064	40.540	ng	97
18) Hexachloroethane	7.292	117	142960	45.148	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	247242	41.477	ng	98
20) 3+4-Methylphenols	7.198	107	351193	40.848	ng	100
22) Acetophenone	7.192	105	485375	42.868	ng	97
24) Nitrobenzene	7.369	77	385316	41.306	ng	99
25) Isophorone	7.604	82	693884	39.972	ng	98
26) 2-Nitrophenol	7.681	139	198749	42.796	ng	98
27) 2,4-Dimethylphenol	7.722	122	305947	40.391	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	422408	40.827	ng	99
29) 2,4-Dichlorophenol	7.928	162	313957	41.949	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	341861	43.025	ng	98
31) Naphthalene	8.086	128	1065688	41.662	ng	100
32) Benzoic acid	7.845	122	178667	31.961	ng	90
33) 4-Chloroaniline	8.134	127	207652	18.921	ng	97
34) Hexachlorobutadiene	8.204	225	204436	43.262	ng	97
35) Caprolactam	8.510	113	96267m	41.205	ng	
36) 4-Chloro-3-methylphenol	8.628	107	334090	42.301	ng	100
37) 2-Methylnaphthalene	8.781	142	682152	39.989	ng	100
38) 1-Methylnaphthalene	8.881	142	647176	40.573	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	335024	41.657	ng	99
41) Hexachlorocyclopentadiene	8.928	237	256536	72.047	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	220358	41.487	ng	99

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44) 2,4,5-Trichlorophenol	9.104	196	234043	38.060	ng		96
46) 1,1'-Biphenyl	9.245	154	862167	41.377	ng		99
47) 2-Chloronaphthalene	9.269	162	657862	42.276	ng		98
48) 2-Nitroaniline	9.369	65	214728	41.977	ng		97
49) Acenaphthylene	9.686	152	1023840	42.724	ng		100
50) Dimethylphthalate	9.551	163	780655	41.553	ng		100
51) 2,6-Dinitrotoluene	9.616	165	173218	41.803	ng		97
52) Acenaphthene	9.857	154	615169	40.748	ng		98
53) 3-Nitroaniline	9.780	138	127229	28.112	ng		89
54) 2,4-Dinitrophenol	9.892	184	119401	60.901	ng	#	84
55) Dibenzofuran	10.033	168	906695	41.251	ng		97
56) 4-Nitrophenol	9.957	139	250180	79.322	ng		94
57) 2,4-Dinitrotoluene	10.022	165	219733	42.880	ng		90
58) Fluorene	10.375	166	698384	41.892	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	191014m	39.868	ng		
60) Diethylphthalate	10.251	149	732293	42.544	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	337632	40.401	ng		99
62) 4-Nitroaniline	10.404	138	174252	41.186	ng		96
63) Azobenzene	10.528	77	701142	41.004	ng		98
65) 4,6-Dinitro-2-methylph...	10.433	198	98429	35.951	ng		82
66) n-Nitrosodiphenylamine	10.492	169	626174	41.907	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	223274	41.709	ng	#	90
68) Hexachlorobenzene	10.922	284	249395	43.805	ng		98
69) Atrazine	11.022	200	208157	51.302	ng		96
70) Pentachlorophenol	11.122	266	201101	58.694	ng		96
71) Phenanthrene	11.339	178	1049386	43.159	ng		100
72) Anthracene	11.392	178	1031618	41.410	ng		99
73) Carbazole	11.551	167	853940	41.598	ng		99
74) Di-n-butylphthalate	11.886	149	1055300	44.823	ng		100
75) Fluoranthene	12.533	202	972613	42.218	ng		99
77) Benzidine	12.657	184	256426	66.470	ng		99
78) Pyrene	12.763	202	949297	37.656	ng		100
80) Butylbenzylphthalate	13.392	149	340585	44.343	ng		98
81) Benzo(a)anthracene	13.957	228	698959	43.086	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	191022	37.204	ng		97
83) Chrysene	13.998	228	676085	42.239	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	398823	47.935	ng		100
85) Di-n-octyl phthalate	14.574	149	662265	48.814	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	755781	37.296	ng		99
88) Benzo(b)fluoranthene	15.010	252	812317	50.786	ng		98
89) Benzo(k)fluoranthene	15.039	252	647770	41.242	ng		99
90) Benzo(a)pyrene	15.380	252	668578	41.871	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	610897	37.258	ng		100
92) Benzo(g,h,i)perylene	17.380	276	560742	33.408	ng		98

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

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