Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130009.D
Acq On : 25 Aug 2022 20:34
Operator : CG\JU
Sample : N4326-01MSD 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

Quant Time: Aug 26 01:03:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 14:45:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	135240	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	493499	20.000	ng		0.00
39) Acenaphthene-d10	9.792	164	207065	20.000	ng		0.00
64) Phenanthrene-d10	11.280	188	313368	20.000	ng		0.00
76) Chrysene-d12	13.927	240	281205	20.000	ng		0.00
86) Perylene-d12	15.374	264	202910	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	155901	19.086	ng		0.00
7) Phenol-d6	6.422	99	189062	18.483	ng		0.00
23) Nitrobenzene-d5	7.322	82	117193	12.712	ng		-0.01
42) 2,4,6-Tribromophenol	10.586	330	30323	14.591	ng		0.00
45) 2-Fluorobiphenyl	9.110	172	191634	14.056	ng		0.00
79) Terphenyl-d14	12.857	244	172570	10.211	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.440	88	22639	6.718	ng		97
3) Pyridine	3.275	79	55286m	6.269	ng		
4) n-Nitrosodimethylamine	3.157	42	29254	7.198	ng	#	90
6) Aniline	6.428	93	66385	5.694	ng	#	80
8) 2-Chlorophenol	6.557	128	67097	7.379	ng		96
10) Phenol	6.434	94	87900m	7.834	ng		
11) bis(2-Chloroethyl)ether	6.492	93	66563	7.812	ng		100
12) 1,3-Dichlorobenzene	6.692	146	73355	7.473	ng		98
13) 1,4-Dichlorobenzene	6.775	146	75072	7.484	ng		95
14) 1,2-Dichlorobenzene	6.928	146	70638	7.583	ng		97
15) Benzyl Alcohol	6.916	79	51921	6.724	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.028	45	94107	8.243	ng	#	70
17) 2-Methylphenol	7.034	107	55097	7.546	ng		97
18) Hexachloroethane	7.257	117	21911	5.817	ng		95
19) n-Nitroso-di-n-propyla...	7.163	70	50018	7.736	ng		98
20) 3+4-Methylphenols	7.192	107	69286	7.069	ng		91
22) Acetophenone	7.169	105	103662	8.620	ng	#	96
24) Nitrobenzene	7.345	77	73231	7.878	ng		95
25) Isophorone	7.581	82	122961	7.750	ng		99
26) 2-Nitrophenol	7.663	139	30993	6.778	ng		98
27) 2,4-Dimethylphenol	7.710	122	54746	8.349	ng		96
28) bis(2-Chloroethoxy)met...	7.786	93	79672	8.600	ng		98
29) 2,4-Dichlorophenol	7.928	162	48193	6.721	ng		96
30) 1,2,4-Trichlorobenzene	7.981	180	54157	7.159	ng		97
31) Naphthalene	8.057	128	212310	8.228	ng		99
32) Benzoic acid	7.839	122	9672m	6.359	ng		
33) 4-Chloroaniline	8.122	127	49983	4.926	ng		96
34) Hexachlorobutadiene	8.169	225	34020	7.386	ng		99
35) Caprolactam	8.469	113	13687m	6.138	ng		
36) 4-Chloro-3-methylphenol	8.622	107	49243	6.366	ng		99
37) 2-Methylnaphthalene	8.751	142	126649	7.478	ng		100
38) 1-Methylnaphthalene	8.845	142	119603	7.267	ng		99
40) 1,2,4,5-Tetrachloroben...	8.916	216	47767	8.294	ng		99
43) 2,4,6-Trichlorophenol	9.039	196	28262	7.553	ng		93
44) 2,4,5-Trichlorophenol	9.098	196	25899	6.433	ng		97
46) 1,1'-Biphenyl	9.210	154	136295	8.664	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.239	162	97688	7.849	ng		99
48) 2-Nitroaniline	9.351	65	30887	7.853	ng		95
49) Acenaphthylene	9.651	152	169447	8.978	ng		99
50) Dimethylphthalate	9.510	163	118878	8.009	ng		98
51) 2,6-Dinitrotoluene	9.586	165	21097	6.552	ng		97
52) Acenaphthene	9.822	154	95805	8.367	ng		100
53) 3-Nitroaniline	9.763	138	22996	6.458	ng		97
54) 2,4-Dinitrophenol	9.922	184	60	5.510	ng	#	51
55) Dibenzofuran	9.998	168	136143	7.914	ng		96
56) 4-Nitrophenol	9.975	139	10147m	6.405	ng		
57) 2,4-Dinitrotoluene	9.998	165	25905	6.197	ng	#	79
58) Fluorene	10.339	166	122385	8.520	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.128	232	18514	6.267	ng	#	79
60) Diethylphthalate	10.204	149	112009	7.568	ng		96
61) 4-Chlorophenyl-phenyle...	10.328	204	45480	7.055	ng		97
62) 4-Nitroaniline	10.375	138	24258m	6.753	ng		
63) Azobenzene	10.486	77	94252	6.662	ng		98
66) n-Nitrosodiphenylamine	10.451	169	84582	7.997	ng		99
67) 4-Bromophenyl-phenylether	10.822	248	25975	7.077	ng		93
68) Hexachlorobenzene	10.886	284	27285	6.863	ng		94
69) Atrazine	10.975	200	26340	8.114	ng		97
70) Pentachlorophenol	11.104	266	12940m	15.336	ng		
71) Phenanthrene	11.304	178	369081	21.089	ng		98
72) Anthracene	11.357	178	197395	11.342	ng		99
73) Carbazole	11.522	167	133503	8.450	ng		98
74) Di-n-butylphthalate	11.833	149	155142	7.630	ng		98
75) Fluoranthene	12.498	202	532867	29.754	ng		99
78) Pyrene	12.727	202	521921	21.358	ng		100
80) Butylbenzylphthalate	13.333	149	72249	6.987	ng		100
81) Benzo(a)anthracene	13.916	228	326140	16.860	ng		99
82) 3,3'-Dichlorobenzidine	13.874	252	40774	6.806	ng		98
83) Chrysene	13.957	228	291790	16.114	ng		98
84) Bis(2-ethylhexyl)phtha...	13.886	149	106957	8.719	ng		98
85) Di-n-octyl phthalate	14.498	149	167165	9.871	ng	#	100
87) Indeno(1,2,3-cd)pyrene	16.821	276	153171	10.996	ng		94
88) Benzo(b)fluoranthene	14.962	252	270969	19.502	ng		99
89) Benzo(k)fluoranthene	14.986	252	151805	11.393	ng		98
90) Benzo(a)pyrene	15.315	252	194644	17.789	ng		98
91) Dibenzo(a,h)anthracene	16.821	278	91895	7.995	ng	#	94
92) Benzo(g,h,i)perylene	17.262	276	129172	11.265	ng		95

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

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