Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137658.D
Acq On : 21 Mar 2024 13:00
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 21 15:03:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
03/22/2024
Supervised By :mohammad ahmed
03/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	202882	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	776595	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	420118	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	668484	20.000	ng		0.00
76) Chrysene-d12	13.880	240	392267	20.000	ng		0.00
86) Perylene-d12	15.298	264	390988	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1030950	76.962	ng		0.00
7) Phenol-d6	6.369	99	1400745	72.442	ng		0.00
23) Nitrobenzene-d5	7.298	82	1250567	74.822	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	302657	82.035	ng		0.00
45) 2-Fluorobiphenyl	9.087	172	1994222	74.305	ng		0.00
79) Terphenyl-d14	12.827	244	1967262	68.963	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.381	88	267623	36.538	ng		96
3) Pyridine	3.087	79	683324	38.682	ng		96
4) n-Nitrosodimethylamine	3.057	42	248463	35.775	ng		92
6) Aniline	6.393	93	874126	36.997	ng		90
8) 2-Chlorophenol	6.516	128	531764	37.637	ng		98
9) Benzaldehyde	6.281	77	356153	37.596	ng		94
10) Phenol	6.387	94	760815	36.556	ng		83
11) bis(2-Chloroethyl)ether	6.469	93	552133	36.203	ng		99
12) 1,3-Dichlorobenzene	6.669	146	575792	38.138	ng		97
13) 1,4-Dichlorobenzene	6.745	146	583692	37.786	ng		99
14) 1,2-Dichlorobenzene	6.898	146	532027	37.523	ng		98
15) Benzyl Alcohol	6.875	79	442018	36.719	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	862691	32.908	ng		95
17) 2-Methylphenol	6.993	107	492989	37.289	ng		99
18) Hexachloroethane	7.234	117	198135	38.954	ng		92
19) n-Nitroso-di-n-propyla...	7.151	70	406475	34.042	ng		98
20) 3+4-Methylphenols	7.145	107	551813	36.443	ng		96
22) Acetophenone	7.145	105	701059	37.310	ng	#	98
24) Nitrobenzene	7.316	77	634720	37.804	ng		99
25) Isophorone	7.557	82	1155279	36.383	ng		98
26) 2-Nitrophenol	7.628	139	275000	41.255	ng		99
27) 2,4-Dimethylphenol	7.675	122	482679	38.753	ng		97
28) bis(2-Chloroethoxy)met...	7.769	93	705463	37.865	ng		99
29) 2,4-Dichlorophenol	7.875	162	445761	38.995	ng		97
30) 1,2,4-Trichlorobenzene	7.951	180	471314	39.180	ng		99
31) Naphthalene	8.034	128	1541799	37.003	ng		99
32) Benzoic acid	7.816	122	233868	34.625	ng		93
33) 4-Chloroaniline	8.087	127	628218	38.450	ng		99
34) Hexachlorobutadiene	8.145	225	283273	39.887	ng		100
35) Caprolactam	8.469	113	146062m	37.682	ng		
36) 4-Chloro-3-methylphenol	8.569	107	480081	37.572	ng		97
37) 2-Methylnaphthalene	8.722	142	986860	37.152	ng		99
38) 1-Methylnaphthalene	8.822	142	923844	36.932	ng		100
40) 1,2,4,5-Tetrachloroben...	8.887	216	470599	40.124	ng		100
41) Hexachlorocyclopentadiene	8.875	237	199055	45.545	ng		98
43) 2,4,6-Trichlorophenol	9.004	196	299996	39.278	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	340219	38.669	ng	97
46) 1,1'-Biphenyl	9.187	154	1166306	37.930	ng	99
47) 2-Chloronaphthalene	9.210	162	895035	38.178	ng	98
48) 2-Nitroaniline	9.316	65	314710	39.496	ng	92
49) Acenaphthylene	9.628	152	1378796	36.751	ng	99
50) Dimethylphthalate	9.492	163	1119192	38.269	ng	100
51) 2,6-Dinitrotoluene	9.557	165	245410	40.120	ng	90
52) Acenaphthene	9.798	154	818629	36.549	ng	99
53) 3-Nitroaniline	9.728	138	249326	38.535	ng	93
54) 2,4-Dinitrophenol	9.834	184	110862	41.563	ng	98
55) Dibenzofuran	9.969	168	1233671	36.163	ng	99
56) 4-Nitrophenol	9.892	139	165275	38.400	ng	97
57) 2,4-Dinitrotoluene	9.957	165	300085	39.931	ng	96
58) Fluorene	10.310	166	930349	35.510	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	268191	38.012	ng	96
60) Diethylphthalate	10.186	149	1027332	37.199	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	471004	36.682	ng	96
62) 4-Nitroaniline	10.339	138	208435	37.482	ng	96
63) Azobenzene	10.463	77	1100200	34.597	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	162132	43.516	ng	82
66) n-Nitrosodiphenylamine	10.428	169	844797	39.245	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	304344	41.800	ng	99
68) Hexachlorobenzene	10.851	284	304158	41.360	ng	98
69) Atrazine	10.951	200	268460	41.025	ng	98
70) Pentachlorophenol	11.051	266	171272	38.526	ng	99
71) Phenanthrene	11.269	178	1344863	36.967	ng	99
72) Anthracene	11.322	178	1405144	37.606	ng	99
73) Carbazole	11.480	167	1192525	37.260	ng	98
74) Di-n-butylphthalate	11.810	149	1474278	38.716	ng	100
75) Fluoranthene	12.457	202	1292810	36.355	ng	97
77) Benzidine	12.586	184	300969	31.352	ng	97
78) Pyrene	12.680	202	1302607	33.843	ng	99
80) Butylbenzylphthalate	13.304	149	486180	49.459	ng	98
81) Benzo(a)anthracene	13.869	228	987373	35.913	ng	98
82) 3,3'-Dichlorobenzidine	13.833	252	326554	44.602	ng	100
83) Chrysene	13.910	228	1035413	37.262	ng	98
84) Bis(2-ethylhexyl)phtha...	13.863	149	627019	50.185	ng	98
85) Di-n-octyl phthalate	14.474	149	1053829	44.259	ng	96
87) Indeno(1,2,3-cd)pyrene	16.698	276	930915	36.181	ng	96
88) Benzo(b)fluoranthene	14.898	252	897106	38.788	ng	97
89) Benzo(k)fluoranthene	14.921	252	903108	36.354	ng	99
90) Benzo(a)pyrene	15.245	252	868229	38.094	ng	99
91) Dibenzo(a,h)anthracene	16.710	278	747531	35.815	ng	97
92) Benzo(g,h,i)perylene	17.115	276	767136	35.788	ng	96

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

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