Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012924\
Data File : BF137184.D
Acq On : 29 Jan 2024 10:33
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 29 10:56:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 02:14:33 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	67699	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	272395	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	162937	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	318272	20.000	ng	# 0.00
76) Chrysene-d12	13.986	240	191749	20.000	ng	0.00
86) Perylene-d12	15.474	264	177798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	343326	88.105	ng	0.00
7) Phenol-d6	6.434	99	482065	86.691	ng	0.00
23) Nitrobenzene-d5	7.369	82	479743	79.896	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	146960	80.729	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	915440	78.881	ng	0.00
79) Terphenyl-d14	12.933	244	1111998	81.341	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	83079	38.985	ng	98
3) Pyridine	3.334	79	163056	40.714	ng	99
4) n-Nitrosodimethylamine	3.299	42	80109	37.276	ng	88
6) Aniline	6.469	93	279105	42.559	ng	97
8) 2-Chlorophenol	6.587	128	190960	42.528	ng	99
9) Benzaldehyde	6.357	77	103030	46.768	ng	98
10) Phenol	6.451	94	268143	42.954	ng	100
11) bis(2-Chloroethyl)ether	6.545	93	181149	39.337	ng	95
12) 1,3-Dichlorobenzene	6.745	146	215834	40.507	ng	98
13) 1,4-Dichlorobenzene	6.822	146	228167	41.556	ng	97
14) 1,2-Dichlorobenzene	6.969	146	206209	40.052	ng	98
15) Benzyl Alcohol	6.945	79	181135	42.889	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.075	45	317324	39.116	ng	97
17) 2-Methylphenol	7.051	107	161336	42.081	ng	97
18) Hexachloroethane	7.310	117	78731	40.136	ng	96
19) n-Nitroso-di-n-propyla...	7.222	70	164684	40.919	ng	92
20) 3+4-Methylphenols	7.210	107	203671	43.417	ng	96
22) Acetophenone	7.216	105	295480	41.378	ng	98
24) Nitrobenzene	7.386	77	231688	40.414	ng	98
25) Isophorone	7.622	82	459220	40.910	ng	100
26) 2-Nitrophenol	7.698	139	66930	32.387	ng	95
27) 2,4-Dimethylphenol	7.734	122	135992	43.560	ng	95
28) bis(2-Chloroethoxy)met...	7.839	93	254738	43.079	ng	99
29) 2,4-Dichlorophenol	7.939	162	169829	45.192	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	200639	40.966	ng	97
31) Naphthalene	8.104	128	588446	40.804	ng	99
32) Benzoic acid	7.863	122	62866	41.967	ng	98
33) 4-Chloroaniline	8.151	127	224238	46.424	ng	96
34) Hexachlorobutadiene	8.222	225	130991	40.513	ng	97
35) Caprolactam	8.533	113	53253	42.911	ng	89
36) 4-Chloro-3-methylphenol	8.633	107	198741	43.182	ng	98
37) 2-Methylnaphthalene	8.792	142	406000	41.414	ng	98
38) 1-Methylnaphthalene	8.892	142	373785	40.616	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	216681	40.014	ng	98
41) Hexachlorocyclopentadiene	8.945	237	99327	38.849	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	128249	42.018	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	139483	44.188	ng		97
46) 1,1'-Biphenyl	9.263	154	516366	40.285	ng		100
47) 2-Chloronaphthalene	9.286	162	378129	39.925	ng		99
48) 2-Nitroaniline	9.380	65	122734	40.909	ng		97
49) Acenaphthylene	9.698	152	617656	40.333	ng		100
50) Dimethylphthalate	9.569	163	452511	39.954	ng		99
51) 2,6-Dinitrotoluene	9.628	165	91074	39.002	ng		95
52) Acenaphthene	9.875	154	360188	39.544	ng		99
53) 3-Nitroaniline	9.798	138	88449	38.687	ng		97
54) 2,4-Dinitrophenol	9.898	184	22420	35.562	ng		97
55) Dibenzofuran	10.045	168	572317	40.027	ng		99
56) 4-Nitrophenol	9.951	139	54789	38.427	ng		97
57) 2,4-Dinitrotoluene	10.028	165	116989	39.260	ng		92
58) Fluorene	10.392	166	442312	39.354	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	127817m	41.109	ng		
60) Diethylphthalate	10.269	149	454406	40.430	ng		100
61) 4-Chlorophenyl-phenyle...	10.386	204	220434	39.299	ng		99
62) 4-Nitroaniline	10.416	138	87492	40.976	ng		94
63) Azobenzene	10.545	77	490398	40.061	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	44542	32.268	ng		85
66) n-Nitrosodiphenylamine	10.504	169	389593	41.253	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	147070	41.987	ng		99
68) Hexachlorobenzene	10.939	284	154891	39.999	ng	#	92
69) Atrazine	11.039	200	138024	42.330	ng		95
70) Pentachlorophenol	11.133	266	87950	41.030	ng		97
71) Phenanthrene	11.357	178	667585	40.543	ng		99
72) Anthracene	11.410	178	696464	40.984	ng		99
73) Carbazole	11.569	167	597337	41.506	ng		99
74) Di-n-butylphthalate	11.904	149	695894	42.338	ng		99
75) Fluoranthene	12.551	202	712679	40.319	ng		99
77) Benzidine	12.680	184	170656	44.098	ng		98
78) Pyrene	12.780	202	723607	40.993	ng		100
80) Butylbenzylphthalate	13.416	149	207849	39.151	ng		99
81) Benzo(a)anthracene	13.974	228	573570	41.844	ng		98
82) 3,3'-Dichlorobenzidine	13.945	252	171589	44.788	ng		94
83) Chrysene	14.015	228	557670	40.827	ng		98
84) Bis(2-ethylhexyl)phtha...	13.986	149	284223	45.438	ng		97
85) Di-n-octyl phthalate	14.604	149	413383	44.155	ng		98
87) Indeno(1,2,3-cd)pyrene	16.980	276	476241	40.872	ng		99
88) Benzo(b)fluoranthene	15.039	252	444796	39.050	ng		97
89) Benzo(k)fluoranthene	15.068	252	478605	41.623	ng		98
90) Benzo(a)pyrene	15.410	252	414785	40.370	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	381389	40.942	ng		96
92) Benzo(g,h,i)perylene	17.439	276	366453	40.338	ng		99

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

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