Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110124\
Data File : BG063148.D
Acq On : 1 Nov 2024 15:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 01 16:31:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 05:13:40 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	130260	20.000	ng	0.00
21) Naphthalene-d8	10.629	136	517735	20.000	ng	# 0.00
39) Acenaphthene-d10	14.484	164	400356	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	954033	20.000	ng	0.00
76) Chrysene-d12	21.487	240	1022846	20.000	ng	0.00
86) Perylene-d12	24.519	264	1178074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.435	112	608510	72.438	ng	0.00
7) Phenol-d6	7.016	99	870731	79.098	ng	0.00
23) Nitrobenzene-d5	8.996	82	933040	78.381	ng	0.00
42) 2,4,6-Tribromophenol	15.976	330	506705	74.509	ng	0.00
45) 2-Fluorobiphenyl	13.103	172	2072141	76.659	ng	0.00
79) Terphenyl-d14	19.860	244	3871795	77.896	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	101283	30.685	ng	97
3) Pyridine	3.749	79	269169	33.781	ng	95
4) n-Nitrosodimethylamine	3.667	42	169561	34.258	ng	97
6) Aniline	7.174	93	381450	38.531	ng	97
8) 2-Chlorophenol	7.409	128	312310	40.032	ng	98
9) Benzaldehyde	6.986	77	294597	43.068	ng	86
10) Phenol	7.045	94	463386	39.294	ng	97
11) bis(2-Chloroethyl)ether	7.268	93	315841	39.710	ng	91
12) 1,3-Dichlorobenzene	7.733	146	362719	38.322	ng	99
13) 1,4-Dichlorobenzene	7.880	146	366557	37.990	ng	97
14) 1,2-Dichlorobenzene	8.197	146	359375	38.639	ng	96
15) Benzyl Alcohol	8.079	79	362877	41.024	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.373	45	586894	40.680	ng	99
17) 2-Methylphenol	8.285	107	287170	38.279	ng	91
18) Hexachloroethane	8.919	117	136693	39.586	ng	93
19) n-Nitroso-di-n-propyla...	8.643	70	311002	40.567	ng	97
20) 3+4-Methylphenols	8.614	107	400628	40.042	ng	96
22) Acetophenone	8.661	105	554200	39.947	ng	97
24) Nitrobenzene	9.043	77	505652	39.284	ng	99
25) Isophorone	9.560	82	823873	40.011	ng	98
26) 2-Nitrophenol	9.748	139	184160	38.902	ng	90
27) 2,4-Dimethylphenol	9.813	122	230725	39.644	ng	96
28) bis(2-Chloroethoxy)met...	10.042	93	436081	40.390	ng	99
29) 2,4-Dichlorophenol	10.283	162	343009	39.023	ng	92
30) 1,2,4-Trichlorobenzene	10.500	180	416119	38.488	ng	93
31) Naphthalene	10.682	128	1072265	39.261	ng	97
32) Benzoic acid	9.977	122	193448m	38.142	ng	
33) 4-Chloroaniline	10.794	127	372994	40.468	ng	98
34) Hexachlorobutadiene	10.970	225	336192	37.782	ng	91
35) Caprolactam	11.569	113	107833	38.413	ng	95
36) 4-Chloro-3-methylphenol	11.928	107	389018	38.414	ng	99
37) 2-Methylnaphthalene	12.298	142	773887	39.945	ng	98
38) 1-Methylnaphthalene	12.515	142	755492	39.617	ng	97
40) 1,2,4,5-Tetrachloroben...	12.668	216	540586	37.576	ng	100
41) Hexachlorocyclopentadiene	12.650	237	189987	40.644	ng	98
43) 2,4,6-Trichlorophenol	12.909	196	327091	37.976	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	369886	39.058	ng		97
46) 1,1'-Biphenyl	13.308	154	1053426	38.767	ng		98
47) 2-Chloronaphthalene	13.355	162	881026	38.715	ng		98
48) 2-Nitroaniline	13.555	65	311838	39.041	ng		90
49) Acenaphthylene	14.201	152	1271747	39.585	ng		99
50) Dimethylphthalate	13.937	163	1106948	38.794	ng		98
51) 2,6-Dinitrotoluene	14.055	165	239484	39.310	ng		94
52) Acenaphthene	14.548	154	775796	39.004	ng		94
53) 3-Nitroaniline	14.390	138	233267	40.330	ng		95
54) 2,4-Dinitrophenol	14.601	184	146107	39.323	ng		94
55) Dibenzofuran	14.883	168	1341438	38.250	ng		96
56) 4-Nitrophenol	14.707	139	175894	40.166	ng		95
57) 2,4-Dinitrotoluene	14.848	165	346382	39.753	ng	#	96
58) Fluorene	15.535	166	1086961	39.111	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.112	232	357566m	39.344	ng		
60) Diethylphthalate	15.306	149	1119572	38.213	ng		98
61) 4-Chlorophenyl-phenyle...	15.523	204	678489	39.278	ng		97
62) 4-Nitroaniline	15.559	138	247654	38.808	ng		96
63) Azobenzene	15.817	77	1181520	38.989	ng		98
65) 4,6-Dinitro-2-methylph...	15.617	198	237708	38.754	ng		95
66) n-Nitrosodiphenylamine	15.741	169	942195	39.587	ng		98
67) 4-Bromophenyl-phenylether	16.422	248	466724	39.919	ng		90
68) Hexachlorobenzene	16.540	284	537942	39.715	ng		97
69) Atrazine	16.693	200	345377	31.567	ng		94
70) Pentachlorophenol	16.887	266	277812	41.225	ng		90
71) Phenanthrene	17.274	178	1775754	38.395	ng		98
72) Anthracene	17.363	178	1745492	38.452	ng		100
73) Carbazole	17.639	167	1641273	38.408	ng		99
74) Di-n-butylphthalate	18.197	149	1836275	37.848	ng		98
75) Fluoranthene	19.296	202	2419346	36.956	ng		99
77) Benzidine	19.478	184	551389	34.988	ng		99
78) Pyrene	19.654	202	2437546	40.201	ng		98
80) Butylbenzylphthalate	20.553	149	802507	41.078	ng		96
81) Benzo(a)anthracene	21.469	228	2477573	38.465	ng		99
82) 3,3'-Dichlorobenzidine	21.387	252	957804	40.107	ng		99
83) Chrysene	21.528	228	2334577	38.584	ng		99
84) Bis(2-ethylhexyl)phtha...	21.381	149	1138832	40.184	ng		99
85) Di-n-octyl phthalate	22.533	149	1923098	40.558	ng		99
87) Indeno(1,2,3-cd)pyrene	27.950	276	3093259	39.122	ng	#	96
88) Benzo(b)fluoranthene	23.567	252	2712805	39.497	ng		97
89) Benzo(k)fluoranthene	23.632	252	2545777	38.850	ng		98
90) Benzo(a)pyrene	24.384	252	2350590	39.208	ng		99
91) Dibenzo(a,h)anthracene	28.009	278	2572613	38.980	ng		97
92) Benzo(g,h,i)perylene	29.025	276	2524342	38.695	ng		99

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

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