Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
Data File : BG060415.D
Acq On : 24 Jan 2024 14:50
Operator : MA/JU
Sample : PB158578BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 24 15:30:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB158578BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
01/25/2024
Supervised By :Sohil Jodhani
01/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.930	152	208358	20.000	ng		0.00
21) Naphthalene-d8	10.732	136	945490	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	742825	20.000	ng		0.00
64) Phenanthrene-d10	17.319	188	1990625	20.000	ng		0.00
76) Chrysene-d12	21.578	240	1699962	20.000	ng		0.00
86) Perylene-d12	24.745	264	1708560	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	1561838	123.292	ng		0.00
7) Phenol-d6	7.101	99	2407979	128.371	ng		0.00
23) Nitrobenzene-d5	9.093	82	1457099	72.771	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	1416785	129.634	ng		0.00
45) 2-Fluorobiphenyl	13.194	172	3635477	68.044	ng		0.00
79) Terphenyl-d14	19.933	244	5522657	80.224	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	139354	24.082	ng		98
3) Pyridine	3.793	79	353887	21.676	ng		89
4) n-Nitrosodimethylamine	3.711	42	152448	29.836	ng	#	96
6) Aniline	7.254	93	616447	32.878	ng		98
8) 2-Chlorophenol	7.495	128	578918	46.113	ng		94
9) Benzaldehyde	7.066	77	113748m	10.564	ng		
10) Phenol	7.125	94	888637	47.250	ng		98
11) bis(2-Chloroethyl)ether	7.348	93	617384	40.285	ng		96
12) 1,3-Dichlorobenzene	7.818	146	568240	36.060	ng		98
13) 1,4-Dichlorobenzene	7.965	146	586224	36.666	ng		98
14) 1,2-Dichlorobenzene	8.282	146	615857	37.460	ng		98
15) Benzyl Alcohol	8.170	79	583847	48.083	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.458	45	760685	40.895	ng		97
17) 2-Methylphenol	8.376	107	581332	45.002	ng		98
18) Hexachloroethane	9.011	117	211957	37.810	ng		97
19) n-Nitroso-di-n-propyla...	8.734	70	524583	40.407	ng		95
20) 3+4-Methylphenols	8.705	107	828431	47.565	ng		98
22) Acetophenone	8.752	105	1018616	39.193	ng		99
24) Nitrobenzene	9.134	77	741116	35.705	ng		97
25) Isophorone	9.657	82	1494230	37.160	ng		97
26) 2-Nitrophenol	9.845	139	342922	44.933	ng		96
27) 2,4-Dimethylphenol	9.904	122	614584	60.944	ng		98
28) bis(2-Chloroethoxy)met...	10.139	93	899928	36.629	ng		100
29) 2,4-Dichlorophenol	10.385	162	715951	43.811	ng		99
30) 1,2,4-Trichlorobenzene	10.597	180	731973	36.003	ng		94
31) Naphthalene	10.785	128	1872614	37.784	ng		99
32) Benzoic acid	10.056	122	447167	49.741	ng		94
33) 4-Chloroaniline	10.897	127	459487	24.061	ng		97
34) Hexachlorobutadiene	11.067	225	472275	35.659	ng		96
35) Caprolactam	11.672	113	258861m	49.181	ng		
36) 4-Chloro-3-methylphenol	12.019	107	778609	46.900	ng		99
37) 2-Methylnaphthalene	12.395	142	1399093	38.062	ng		96
38) 1-Methylnaphthalene	12.612	142	1363813	36.949	ng		97
40) 1,2,4,5-Tetrachloroben...	12.759	216	961793	36.457	ng		98
41) Hexachlorocyclopentadiene	12.736	237	831705	94.956	ng		99
43) 2,4,6-Trichlorophenol	13.000	196	707948	42.167	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	785786	42.434	ng		98
46) 1,1'-Biphenyl	13.400	154	2092057	37.311	ng		99
47) 2-Chloronaphthalene	13.447	162	1709878	35.596	ng		99
48) 2-Nitroaniline	13.652	65	546663	45.697	ng		94
49) Acenaphthylene	14.293	152	2689000	40.651	ng		99
50) Dimethylphthalate	14.022	163	2357328	41.528	ng		100
51) 2,6-Dinitrotoluene	14.146	165	535466	44.207	ng		97
52) Acenaphthene	14.633	154	1639521	39.805	ng		100
53) 3-Nitroaniline	14.475	138	406736	36.852	ng		96
54) 2,4-Dinitrophenol	14.686	184	677587	90.947	ng		95
55) Dibenzofuran	14.968	168	2794770	40.646	ng		97
56) 4-Nitrophenol	14.792	139	862639	105.373	ng		95
57) 2,4-Dinitrotoluene	14.933	165	782479	47.109	ng		93
58) Fluorene	15.615	166	2273453	39.927	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.197	232	787700	50.093	ng		99
60) Diethylphthalate	15.385	149	2336086	42.867	ng		100
61) 4-Chlorophenyl-phenyle...	15.609	204	1243403	39.640	ng		98
62) 4-Nitroaniline	15.644	138	526264	44.801	ng		96
63) Azobenzene	15.903	77	2162223	39.228	ng		98
65) 4,6-Dinitro-2-methylph...	15.697	198	516556	46.906	ng		96
66) n-Nitrosodiphenylamine	15.826	169	2135005	40.393	ng		99
67) 4-Bromophenyl-phenylether	16.502	248	869891	39.770	ng		98
68) Hexachlorobenzene	16.619	284	967659	37.374	ng		98
69) Atrazine	16.778	200	1183739	59.393	ng		100
70) Pentachlorophenol	16.966	266	1355577	97.133	ng		95
71) Phenanthrene	17.360	178	3814504	39.644	ng		99
72) Anthracene	17.448	178	3826650	39.835	ng		98
73) Carbazole	17.718	167	3523066	38.901	ng		99
74) Di-n-butylphthalate	18.276	149	3725708	39.982	ng		100
75) Fluoranthene	19.369	202	4266473	36.918	ng		98
77) Benzidine	19.551	184	627745	16.997	ng		98
78) Pyrene	19.733	202	4363589	40.196	ng		98
80) Butylbenzylphthalate	20.621	149	1763349	47.213	ng		95
81) Benzo(a)anthracene	21.561	228	4274800	40.619	ng		99
82) 3,3'-Dichlorobenzidine	21.478	252	1460669	36.242	ng		98
83) Chrysene	21.625	228	4092460	39.539	ng		100
84) Bis(2-ethylhexyl)phtha...	21.461	149	2481594	43.970	ng		97
85) Di-n-octyl phthalate	22.648	149	4173286	45.630	ng		100
87) Indeno(1,2,3-cd)pyrene	28.359	276	5355191	45.078	ng	#	94
88) Benzo(b)fluoranthene	23.740	252	4495974	44.543	ng		100
89) Benzo(k)fluoranthene	23.805	252	4558830	45.770	ng		99
90) Benzo(a)pyrene	24.598	252	4050113	44.419	ng		99
91) Dibenzo(a,h)anthracene	28.417	278	4493175	46.312	ng		99
92) Benzo(g,h,i)perylene	29.492	276	4447065	44.723	ng		99

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

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