Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
Data File : BG058807.D
Acq On : 22 Aug 2023 14:22
Operator : MA/JU
Sample : 04090-07MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 23 16:09:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-LMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	25798	20.000	ng	0.00
21) Naphthalene-d8	10.603	136	112432	20.000	ng	0.00
39) Acenaphthene-d10	14.452	164	79853	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	200306	20.000	ng	0.00
76) Chrysene-d12	21.443	240	178979	20.000	ng	0.00
86) Perylene-d12	24.516	264	226784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	151118	94.266	ng	0.00
7) Phenol-d6	6.978	99	210263	93.485	ng	0.00
23) Nitrobenzene-d5	8.970	82	118474	50.661	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	107177	85.599	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	254394	46.336	ng	0.00
79) Terphenyl-d14	19.822	244	511791	51.345	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.259	88	26844	35.617	ng	97
3) Pyridine	3.658	79	64386	32.328	ng	99
4) n-Nitrosodimethylamine	3.582	42	44043	40.676	ng	99
6) Aniline	7.131	93	85832	31.218	ng	99
8) 2-Chlorophenol	7.372	128	74443	45.927	ng	98
9) Benzaldehyde	6.943	77	32439m	25.712	ng	
10) Phenol	7.007	94	103116	47.545	ng	98
11) bis(2-Chloroethyl)ether	7.231	93	72035	42.566	ng	95
12) 1,3-Dichlorobenzene	7.695	146	75267	43.716	ng	98
13) 1,4-Dichlorobenzene	7.842	146	77130	44.301	ng	98
14) 1,2-Dichlorobenzene	8.159	146	74125	44.050	ng	98
15) Benzyl Alcohol	8.047	79	74020	46.029	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.335	45	155551m	43.130	ng	
17) 2-Methylphenol	8.253	107	69740	43.781	ng	97
18) Hexachloroethane	8.882	117	27663	43.608	ng	99
19) n-Nitroso-di-n-propyla...	8.611	70	60369	41.523	ng	99
20) 3+4-Methylphenols	8.582	107	94020	43.902	ng	100
22) Acetophenone	8.629	105	119165	39.154	ng	99
24) Nitrobenzene	9.011	77	89240	38.368	ng	96
25) Isophorone	9.534	82	172382	37.067	ng	99
26) 2-Nitrophenol	9.722	139	41148	42.300	ng	97
27) 2,4-Dimethylphenol	9.786	122	70022	42.473	ng	97
28) bis(2-Chloroethoxy)met...	10.016	93	98971	40.177	ng	99
29) 2,4-Dichlorophenol	10.262	162	76159	44.956	ng	99
30) 1,2,4-Trichlorobenzene	10.468	180	81703	39.938	ng	97
31) Naphthalene	10.656	128	230081	38.974	ng	100
32) Benzoic acid	9.963	122	39339	40.018	ng	94
33) 4-Chloroaniline	10.774	127	60849	24.440	ng	96
34) Hexachlorobutadiene	10.938	225	54053	39.149	ng	97
35) Caprolactam	11.561	113	25639m	42.235	ng	
36) 4-Chloro-3-methylphenol	11.908	107	89297	42.386	ng	99
37) 2-Methylnaphthalene	12.272	142	160403	37.831	ng	99
38) 1-Methylnaphthalene	12.489	142	155880	38.730	ng	98
40) 1,2,4,5-Tetrachloroben...	12.642	216	95671	38.863	ng	98
41) Hexachlorocyclopentadiene	12.618	237	84021	86.016	ng	99
43) 2,4,6-Trichlorophenol	12.889	196	66646	42.547	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.965	196	73701	39.291	ng		97
46) 1,1'-Biphenyl	13.282	154	215572	39.188	ng		98
47) 2-Chloronaphthalene	13.329	162	171783	40.072	ng		98
48) 2-Nitroaniline	13.541	65	65163	40.023	ng		98
49) Acenaphthylene	14.175	152	284470	40.015	ng		99
50) Dimethylphthalate	13.917	163	235026	38.013	ng		100
51) 2,6-Dinitrotoluene	14.040	165	52200	40.187	ng		97
52) Acenaphthene	14.516	154	159347	38.356	ng		98
53) 3-Nitroaniline	14.369	138	35661	28.465	ng		98
54) 2,4-Dinitrophenol	14.587	184	55791	77.120	ng		97
55) Dibenzofuran	14.857	168	275415	38.432	ng		99
56) 4-Nitrophenol	14.693	139	77907	85.628	ng		97
57) 2,4-Dinitrotoluene	14.834	165	75629	41.744	ng		96
58) Fluorene	15.503	166	223919	39.262	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.086	232	66417	43.390	ng		97
60) Diethylphthalate	15.274	149	244432	38.344	ng		99
61) 4-Chlorophenyl-phenyle...	15.492	204	122768	38.837	ng		97
62) 4-Nitroaniline	15.539	138	53114	41.777	ng		97
63) Azobenzene	15.785	77	227101	38.798	ng		99
65) 4,6-Dinitro-2-methylph...	15.597	198	45671	40.338	ng		96
66) n-Nitrosodiphenylamine	15.715	169	201537	39.038	ng		98
67) 4-Bromophenyl-phenylether	16.390	248	85909	39.084	ng		94
68) Hexachlorobenzene	16.508	284	95247	40.262	ng		97
69) Atrazine	16.661	200	87060	47.650	ng		96
70) Pentachlorophenol	16.861	266	87458	70.503	ng		99
71) Phenanthrene	17.242	178	375649	39.064	ng		99
72) Anthracene	17.336	178	384982	39.917	ng		100
73) Carbazole	17.607	167	361761	40.961	ng		99
74) Di-n-butylphthalate	18.159	149	450108	40.400	ng		99
75) Fluoranthene	19.258	202	471066	39.503	ng		99
77) Benzidine	19.446	184	181625	56.623	ng		98
78) Pyrene	19.622	202	481926	38.645	ng		99
80) Butylbenzylphthalate	20.509	149	203198	40.176	ng		99
81) Benzo(a)anthracene	21.426	228	491877	39.481	ng		98
82) 3,3'-Dichlorobenzidine	21.349	252	133134	30.952	ng		100
83) Chrysene	21.490	228	453020	37.725	ng		99
84) Bis(2-ethylhexyl)phtha...	21.326	149	291586	39.308	ng		99
85) Di-n-octyl phthalate	22.477	149	517487	40.559	ng		100
87) Indeno(1,2,3-cd)pyrene	28.018	276	609532	39.726	ng	#	93
88) Benzo(b)fluoranthene	23.541	252	522929	41.558	ng		98
89) Benzo(k)fluoranthene	23.606	252	493171	38.003	ng		99
90) Benzo(a)pyrene	24.375	252	460309	37.152	ng		98
91) Dibenzo(a,h)anthracene	28.065	278	508399	40.324	ng		99
92) Benzo(g,h,i)perylene	29.117	276	492601	39.078	ng		97

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

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