Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
Data File : BG058654.D
Acq On : 9 Aug 2023 11:35
Operator : MA/JU
Sample : 03891-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 09 12:10:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	40614	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	183594	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	138413	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	347894	20.000	ng	0.00
76) Chrysene-d12	21.454	240	293934	20.000	ng	0.00
86) Perylene-d12	24.527	264	376908	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	284419	107.038	ng	0.00
7) Phenol-d6	6.983	99	394770	106.769	ng	0.00
23) Nitrobenzene-d5	8.975	82	236984	63.411	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	220883	97.362	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	565907	61.271	ng	0.00
79) Terphenyl-d14	19.826	244	1100005	70.376	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	51719	40.167	ng	98
3) Pyridine	3.657	79	127491	36.318	ng	96
4) n-Nitrosodimethylamine	3.581	42	68870	46.303	ng	95
6) Aniline	7.135	93	168092	36.925	ng	99
8) 2-Chlorophenol	7.376	128	137181	52.625	ng	97
9) Benzaldehyde	6.947	77	78370	39.013	ng	97
10) Phenol	7.012	94	193512	53.577	ng	98
11) bis(2-Chloroethyl)ether	7.235	93	132202	46.429	ng	97
12) 1,3-Dichlorobenzene	7.700	146	134530	48.330	ng	99
13) 1,4-Dichlorobenzene	7.846	146	135940	48.638	ng	97
14) 1,2-Dichlorobenzene	8.164	146	132537	49.599	ng	96
15) Benzyl Alcohol	8.052	79	133901	57.105	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.334	45	231327m	50.013	ng	
17) 2-Methylphenol	8.264	107	130222	49.310	ng	99
18) Hexachloroethane	8.886	117	49660	48.884	ng	94
19) n-Nitroso-di-n-propyla...	8.616	70	112543	47.123	ng	99
20) 3+4-Methylphenols	8.587	107	181565	50.827	ng	99
22) Acetophenone	8.634	105	218412	44.429	ng	98
24) Nitrobenzene	9.016	77	166290	43.767	ng	95
25) Isophorone	9.539	82	327571	42.421	ng	99
26) 2-Nitrophenol	9.727	139	75924	45.907	ng	99
27) 2,4-Dimethylphenol	9.791	122	120748	44.015	ng	98
28) bis(2-Chloroethoxy)met...	10.020	93	184668	43.945	ng	99
29) 2,4-Dichlorophenol	10.267	162	140031	49.161	ng	99
30) 1,2,4-Trichlorobenzene	10.479	180	150027	45.672	ng	99
31) Naphthalene	10.661	128	420553	43.461	ng	99
32) Benzoic acid	9.962	122	94213	45.272	ng	96
33) 4-Chloroaniline	10.778	127	140189	34.290	ng	98
34) Hexachlorobutadiene	10.943	225	90492	42.776	ng	98
35) Caprolactam	11.560	113	50269m	47.791	ng	
36) 4-Chloro-3-methylphenol	11.912	107	175463	49.797	ng	98
37) 2-Methylnaphthalene	12.277	142	298975	43.194	ng	97
38) 1-Methylnaphthalene	12.500	142	293929	44.672	ng	98
40) 1,2,4,5-Tetrachloroben...	12.647	216	180012	42.362	ng	100
41) Hexachlorocyclopentadiene	12.623	237	134429	69.122	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	132356	45.284	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	147863	42.951	ng		98
46) 1,1'-Biphenyl	13.293	154	410472	43.182	ng		99
47) 2-Chloronaphthalene	13.334	162	330540	44.598	ng		99
48) 2-Nitroaniline	13.546	65	132885	46.974	ng		98
49) Acenaphthylene	14.186	152	556030	44.810	ng		99
50) Dimethylphthalate	13.922	163	451142	43.399	ng		99
51) 2,6-Dinitrotoluene	14.045	165	101996	44.718	ng		96
52) Acenaphthene	14.527	154	312649	43.606	ng		97
53) 3-Nitroaniline	14.374	138	90986	39.871	ng		97
54) 2,4-Dinitrophenol	14.591	184	105485	81.849	ng		94
55) Dibenzofuran	14.862	168	543349	44.102	ng		100
56) 4-Nitrophenol	14.697	139	163343	95.908	ng		99
57) 2,4-Dinitrotoluene	14.838	165	147474	46.637	ng		97
58) Fluorene	15.514	166	442965	45.259	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.091	232	138510	47.150	ng		98
60) Diethylphthalate	15.279	149	470735	44.450	ng		99
61) 4-Chlorophenyl-phenyle...	15.502	204	244537	44.816	ng		98
62) 4-Nitroaniline	15.543	138	105981	49.026	ng		98
63) Azobenzene	15.796	77	464163	44.499	ng		99
65) 4,6-Dinitro-2-methylph...	15.602	198	87452	45.589	ng		99
66) n-Nitrosodiphenylamine	15.720	169	392850	43.386	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	172938	43.828	ng		98
68) Hexachlorobenzene	16.513	284	190448	45.548	ng		97
69) Atrazine	16.671	200	163389	53.453	ng		98
70) Pentachlorophenol	16.865	266	187919	74.252	ng		99
71) Phenanthrene	17.253	178	723718	43.865	ng		99
72) Anthracene	17.341	178	733270	43.315	ng		99
73) Carbazole	17.617	167	683883	45.811	ng		99
74) Di-n-butylphthalate	18.170	149	839763	44.911	ng		100
75) Fluoranthene	19.280	202	849421	42.860	ng		99
77) Benzidine	19.456	184	205541	46.114	ng		99
78) Pyrene	19.633	202	895872	44.785	ng		99
80) Butylbenzylphthalate	20.514	149	371866	45.257	ng		100
81) Benzo(a)anthracene	21.436	228	920329	45.497	ng		100
82) 3,3'-Dichlorobenzidine	21.354	252	317932	46.486	ng		100
83) Chrysene	21.501	228	853485	44.006	ng		99
84) Bis(2-ethylhexyl)phtha...	21.336	149	536989	44.721	ng		98
85) Di-n-octyl phthalate	22.488	149	955011	45.239	ng		99
87) Indeno(1,2,3-cd)pyrene	28.035	276	1149428	45.841	ng	#	80
88) Benzo(b)fluoranthene	23.552	252	978188	47.850	ng		99
89) Benzo(k)fluoranthene	23.616	252	922547	44.922	ng		99
90) Benzo(a)pyrene	24.386	252	868318	43.252	ng		99
91) Dibenzo(a,h)anthracene	28.087	278	950157	45.828	ng		99
92) Benzo(g,h,i)perylene	29.127	276	906711	43.612	ng		99

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

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