Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081523\
Data File : BG058736.D
Acq On : 15 Aug 2023 17:45
Operator : MA/JU
Sample : 04014-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 16 04:51:06 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 :

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
08/16/2023
Supervised By :Sohil Jodhani
08/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	38147	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	168517	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	120847	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	279249	20.000	ng	0.00
76) Chrysene-d12	21.448	240	228444	20.000	ng	0.00
86) Perylene-d12	24.515	264	286489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	253977	101.762	ng	0.00
7) Phenol-d6	6.989	99	357526	102.949	ng	0.00
23) Nitrobenzene-d5	8.974	82	216430	63.093	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	177749	89.737	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	497946	61.749	ng	0.00
79) Terphenyl-d14	19.826	244	831342	68.435	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	39623	32.763	ng	# 92
3) Pyridine	3.657	79	96871	29.380	ng	# 81
4) n-Nitrosodimethylamine	3.581	42	61892	44.302	ng	# 85
6) Aniline	7.135	93	129479	30.282	ng	95
8) 2-Chlorophenol	7.376	128	116928	47.756	ng	98
9) Benzaldehyde	6.947	77	54979	29.139	ng	97
10) Phenol	7.012	94	158854	46.826	ng	97
11) bis(2-Chloroethyl)ether	7.235	93	108415	40.537	ng	96
12) 1,3-Dichlorobenzene	7.699	146	113182	43.291	ng	99
13) 1,4-Dichlorobenzene	7.846	146	115951	44.169	ng	96
14) 1,2-Dichlorobenzene	8.164	146	113238	45.117	ng	100
15) Benzyl Alcohol	8.052	79	117248	53.237	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.340	45	226815	52.209	ng	94
17) 2-Methylphenol	8.258	107	107832	43.472	ng	99
18) Hexachloroethane	8.886	117	41722	43.726	ng	96
19) n-Nitroso-di-n-propyla...	8.616	70	93085	41.496	ng	95
20) 3+4-Methylphenols	8.587	107	149231	44.477	ng	98
22) Acetophenone	8.634	105	184913	40.980	ng	95
24) Nitrobenzene	9.021	77	140080	40.167	ng	98
25) Isophorone	9.538	82	269042	37.959	ng	99
26) 2-Nitrophenol	9.726	139	63403	41.766	ng	95
27) 2,4-Dimethylphenol	9.791	122	104740	41.596	ng	97
28) bis(2-Chloroethoxy)met...	10.020	93	154855	40.147	ng	99
29) 2,4-Dichlorophenol	10.267	162	118711	45.405	ng	99
30) 1,2,4-Trichlorobenzene	10.479	180	128451	42.602	ng	99
31) Naphthalene	10.661	128	360463	40.584	ng	99
32) Benzoic acid	9.967	122	69572	37.314	ng	98
33) 4-Chloroaniline	10.778	127	89637	23.887	ng	99
34) Hexachlorobutadiene	10.943	225	80767	41.595	ng	98
35) Caprolactam	11.566	113	39603m	41.020	ng	
36) 4-Chloro-3-methylphenol	11.912	107	138801	42.917	ng	99
37) 2-Methylnaphthalene	12.276	142	253373	39.880	ng	98
38) 1-Methylnaphthalene	12.494	142	245400	40.634	ng	96
40) 1,2,4,5-Tetrachloroben...	12.647	216	151373	40.800	ng	99
41) Hexachlorocyclopentadiene	12.623	237	104343	62.207	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	108128	42.372	ng	94

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44) 2,4,5-Trichlorophenol	12.970	196	113971	37.918	ng		97
46) 1,1'-Biphenyl	13.287	154	338507	40.788	ng		99
47) 2-Chloronaphthalene	13.334	162	270340	41.778	ng		98
48) 2-Nitroaniline	13.546	65	105204	42.595	ng		99
49) Acenaphthylene	14.180	152	453180	41.830	ng		99
50) Dimethylphthalate	13.916	163	355196	39.136	ng		100
51) 2,6-Dinitrotoluene	14.045	165	81706	41.029	ng		97
52) Acenaphthene	14.521	154	255626	40.835	ng		99
53) 3-Nitroaniline	14.374	138	59592	29.910	ng		98
54) 2,4-Dinitrophenol	14.591	184	73416	66.764	ng		95
55) Dibenzofuran	14.862	168	432607	40.218	ng		100
56) 4-Nitrophenol	14.697	139	115499	78.306	ng		88
57) 2,4-Dinitrotoluene	14.838	165	114206	41.366	ng		99
58) Fluorene	15.508	166	346023	40.493	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.091	232	104176	40.617	ng		100
60) Diethylphthalate	15.279	149	364403	39.412	ng		99
61) 4-Chlorophenyl-phenyle...	15.496	204	189189	39.712	ng		97
62) 4-Nitroaniline	15.543	138	77024	40.810	ng		95
63) Azobenzene	15.790	77	348935	38.315	ng		97
65) 4,6-Dinitro-2-methylph...	15.602	198	62372	40.508	ng		99
66) n-Nitrosodiphenylamine	15.719	169	301883	41.535	ng		98
67) 4-Bromophenyl-phenylether	16.395	248	128951	40.713	ng		97
68) Hexachlorobenzene	16.513	284	141392	42.128	ng		98
69) Atrazine	16.665	200	121190	49.394	ng		97
70) Pentachlorophenol	16.859	266	133428	65.681	ng		98
71) Phenanthrene	17.247	178	566539	42.780	ng		98
72) Anthracene	17.341	178	555586	40.886	ng		99
73) Carbazole	17.611	167	505684	42.201	ng		99
74) Di-n-butylphthalate	18.164	149	621844	41.431	ng		99
75) Fluoranthene	19.262	202	642710	40.402	ng		98
77) Benzidine	19.450	184	252732	72.957	ng		99
78) Pyrene	19.627	202	666297	42.857	ng		99
80) Butylbenzylphthalate	20.514	149	275896	43.203	ng		96
81) Benzo(a)anthracene	21.430	228	650054	41.349	ng		99
82) 3,3'-Dichlorobenzidine	21.354	252	186925	35.166	ng		99
83) Chrysene	21.495	228	608537	40.372	ng		98
84) Bis(2-ethylhexyl)phtha...	21.331	149	396213	42.457	ng		99
85) Di-n-octyl phthalate	22.482	149	695770	42.407	ng		97
87) Indeno(1,2,3-cd)pyrene	28.023	276	789913	41.445	ng	#	80
88) Benzo(b)fluoranthene	23.546	252	688091	44.283	ng		99
89) Benzo(k)fluoranthene	23.610	252	644975	41.318	ng		100
90) Benzo(a)pyrene	24.380	252	608962	39.906	ng		99
91) Dibenzo(a,h)anthracene	28.076	278	637021	40.422	ng		98
92) Benzo(g,h,i)perylene	29.121	276	625899	39.607	ng		99

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

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