Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058892.D
Acq On : 29 Aug 2023 18:07
Operator : MA/JU
Sample : 04165-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 29 19:20:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 14:27:28 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
08/30/2023
Supervised By :mohammad ahmed
08/30/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.784	152	19703	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	86277	20.000	ng	#	0.00
39) Acenaphthene-d10	14.441	164	60784	20.000	ng		0.00
64) Phenanthrene-d10	17.185	188	133318	20.000	ng	#	0.00
76) Chrysene-d12	21.427	240	106194	20.000	ng		0.00
86) Perylene-d12	24.482	264	132943	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	132994	108.624	ng		0.00
7) Phenol-d6	6.967	99	185674	108.089	ng		0.00
23) Nitrobenzene-d5	8.953	82	115487	64.355	ng		0.00
42) 2,4,6-Tribromophenol	15.933	330	102292	107.328	ng		0.00
45) 2-Fluorobiphenyl	13.060	172	260878	62.424	ng		0.00
79) Terphenyl-d14	19.805	244	387725	65.559	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.236	88	17574	30.530	ng		95
3) Pyridine	3.636	79	46163	30.348	ng		93
4) n-Nitrosodimethylamine	3.554	42	34966	42.282	ng		89
6) Aniline	7.114	93	57970	27.607	ng		99
8) 2-Chlorophenol	7.355	128	66246	53.512	ng		97
9) Benzaldehyde	6.926	77	25348m	26.307	ng		
10) Phenol	6.991	94	85161	51.413	ng		97
11) bis(2-Chloroethyl)ether	7.208	93	56935	44.051	ng		98
12) 1,3-Dichlorobenzene	7.672	146	63951	48.634	ng		96
13) 1,4-Dichlorobenzene	7.819	146	66233	49.810	ng		95
14) 1,2-Dichlorobenzene	8.137	146	64315	50.043	ng		98
15) Benzyl Alcohol	8.031	79	65192	53.080	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.313	45	134217m	48.727	ng		
17) 2-Methylphenol	8.242	107	58280	47.904	ng		97
18) Hexachloroethane	8.859	117	24789	51.166	ng		95
19) n-Nitroso-di-n-propyla...	8.595	70	49651	44.715	ng		95
20) 3+4-Methylphenols	8.571	107	79228	48.439	ng		98
22) Acetophenone	8.612	105	102021	43.683	ng		95
24) Nitrobenzene	8.994	77	77841	43.613	ng		97
25) Isophorone	9.517	82	148507	41.614	ng		100
26) 2-Nitrophenol	9.705	139	36491	48.885	ng	#	93
27) 2,4-Dimethylphenol	9.770	122	61913	48.939	ng		94
28) bis(2-Chloroethoxy)met...	9.999	93	82122	43.443	ng		99
29) 2,4-Dichlorophenol	10.246	162	69361	53.355	ng		97
30) 1,2,4-Trichlorobenzene	10.451	180	76139	48.502	ng		100
31) Naphthalene	10.640	128	205700	45.408	ng		99
32) Benzoic acid	9.958	122	45144	57.005	ng		94
33) 4-Chloroaniline	10.757	127	43397	22.715	ng		97
34) Hexachlorobutadiene	10.916	225	52538	49.588	ng		98
35) Caprolactam	11.556	113	20979m	45.035	ng		
36) 4-Chloro-3-methylphenol	11.897	107	79177	48.976	ng		99
37) 2-Methylnaphthalene	12.255	142	144959	44.553	ng		98
38) 1-Methylnaphthalene	12.479	142	141065	45.674	ng		99
40) 1,2,4,5-Tetrachloroben...	12.625	216	90894	48.505	ng		99
41) Hexachlorocyclopentadiene	12.596	237	39511	56.503	ng		98
43) 2,4,6-Trichlorophenol	12.872	196	63457	53.220	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.954	196	66983	46.912	ng		99
46)	1,1'-Biphenyl	13.272	154	193283	46.159	ng		98
47)	2-Chloronaphthalene	13.313	162	156498	47.959	ng		99
48)	2-Nitroaniline	13.524	65	56210	45.355	ng		99
49)	Acenaphthylene	14.165	152	253641	46.871	ng		98
50)	Dimethylphthalate	13.900	163	200451	42.592	ng		100
51)	2,6-Dinitrotoluene	14.024	165	45428	45.945	ng		96
52)	Acenaphthene	14.506	154	143828	45.482	ng		100
53)	3-Nitroaniline	14.359	138	32882	34.481	ng		92
54)	2,4-Dinitrophenol	14.576	184	32620	60.833	ng		92
55)	Dibenzofuran	14.840	168	245588	45.021	ng		100
56)	4-Nitrophenol	14.682	139	62156	89.533	ng		91
57)	2,4-Dinitrotoluene	14.817	165	62045	44.990	ng	#	98
58)	Fluorene	15.487	166	191950	44.216	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.070	232	62018	53.227	ng		95
60)	Diethylphthalate	15.264	149	207922	42.849	ng		100
61)	4-Chlorophenyl-phenyle...	15.481	204	108728	45.186	ng		93
62)	4-Nitroaniline	15.522	138	38095	39.364	ng		88
63)	Azobenzene	15.775	77	184965	41.513	ng		96
65)	4,6-Dinitro-2-methylph...	15.587	198	28341	37.609	ng		96
66)	n-Nitrosodiphenylamine	15.698	169	167352	48.704	ng		98
67)	4-Bromophenyl-phenylether	16.374	248	71884	49.136	ng		99
68)	Hexachlorobenzene	16.491	284	82227	52.223	ng		96
69)	Atrazine	16.650	200	68242	56.118	ng		97
70)	Pentachlorophenol	16.844	266	81808	99.085	ng		95
71)	Phenanthrene	17.232	178	313862	49.039	ng		99
72)	Anthracene	17.320	178	302486	47.123	ng		99
73)	Carbazole	17.596	167	274740	46.739	ng		99
74)	Di-n-butylphthalate	18.142	149	338063	45.590	ng		100
75)	Fluoranthene	19.247	202	383986	48.380	ng		98
77)	Benzidine	19.435	184	133097	69.933	ng		97
78)	Pyrene	19.611	202	378500	51.154	ng		98
80)	Butylbenzylphthalate	20.493	149	147666	49.207	ng		98
81)	Benzo(a)anthracene	21.409	228	357424	48.352	ng		98
82)	3,3'-Dichlorobenzidine	21.333	252	101701	39.850	ng		99
83)	Chrysene	21.474	228	331357	46.506	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.309	149	208661	47.409	ng		99
85)	Di-n-octyl phthalate	22.455	149	363015	47.953	ng		100
87)	Indeno(1,2,3-cd)pyrene	27.978	276	413730	45.998	ng	#	93
88)	Benzo(b)fluoranthene	23.519	252	373209	50.595	ng		98
89)	Benzo(k)fluoranthene	23.577	252	347914	45.735	ng		98
90)	Benzo(a)pyrene	24.341	252	330048	45.442	ng		99
91)	Dibenzo(a,h)anthracene	28.013	278	341730	46.237	ng		98
92)	Benzo(g,h,i)perylene	29.065	276	314032	42.497	ng		98

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

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