Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056610.D
Acq On : 10 Feb 2023 18:00
Operator : CG/JU
Sample : 01513-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

Quant Time: Feb 10 22:48:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 22:46:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.213	152	27371	20.000	ng	# 0.00
21) Naphthalene-d8	11.045	136	110667	20.000	ng	0.00
39) Acenaphthene-d10	14.841	164	91549	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	233967	20.000	ng	0.00
76) Chrysene-d12	21.856	240	218062	20.000	ng	0.00
86) Perylene-d12	25.229	264	241037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	208077	139.847	ng	0.00
7) Phenol-d6	7.367	99	291517	132.233	ng	0.00
23) Nitrobenzene-d5	9.388	82	151946	77.966	ng	0.00
42) 2,4,6-Tribromophenol	16.327	330	155883	128.079	ng	0.00
45) 2-Fluorobiphenyl	13.466	172	508262	76.972	ng	0.00
79) Terphenyl-d14	20.158	244	976177	78.625	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.501	88	24536	39.603	ng	94
3) Pyridine	3.930	79	65469	35.449	ng	100
4) n-Nitrosodimethylamine	3.842	42	17037	43.379	ng	97
6) Aniline	7.526	93	118075	40.908	ng	98
8) 2-Chlorophenol	7.773	128	83317	50.973	ng	99
9) Benzaldehyde	7.338	77	43220m	44.466	ng	
10) Phenol	7.397	94	111957	49.966	ng	98
11) bis(2-Chloroethyl)ether	7.614	93	69398	45.060	ng	92
12) 1,3-Dichlorobenzene	8.102	146	92558	49.182	ng	98
13) 1,4-Dichlorobenzene	8.248	146	93967	49.304	ng	99
14) 1,2-Dichlorobenzene	8.572	146	94101	50.889	ng	99
15) Benzyl Alcohol	8.448	79	68251	45.123	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.730	45	14573	44.658	ng	98
17) 2-Methylphenol	8.666	107	78584	46.100	ng	94
18) Hexachloroethane	9.306	117	28241	48.992	ng	95
19) n-Nitroso-di-n-propyla...	9.018	70	52222	41.105	ng	98
20) 3+4-Methylphenols	8.989	107	109893	46.002	ng	98
22) Acetophenone	9.042	105	127846	43.479	ng	98
24) Nitrobenzene	9.435	77	83328	44.327	ng	95
25) Isophorone	9.952	82	162416	40.396	ng	97
26) 2-Nitrophenol	10.152	139	52325	45.877	ng	99
27) 2,4-Dimethylphenol	10.205	122	93718m	49.098	ng	
28) bis(2-Chloroethoxy)met...	10.428	93	95827	43.144	ng	97
29) 2,4-Dichlorophenol	10.699	162	106453	49.545	ng	96
30) 1,2,4-Trichlorobenzene	10.904	180	114145	47.807	ng	96
31) Naphthalene	11.098	128	274640	47.019	ng	98
32) Benzoic acid	10.364	122	27743m	25.978	ng	
33) 4-Chloroaniline	11.204	127	87733	32.177	ng	98
34) Hexachlorobutadiene	11.368	225	80156	47.827	ng	93
35) Caprolactam	11.979	113	31654m	43.683	ng	
36) 4-Chloro-3-methylphenol	12.320	107	99927	48.159	ng	97
37) 2-Methylnaphthalene	12.684	142	216054	44.867	ng	99
38) 1-Methylnaphthalene	12.902	142	200145	44.503	ng	95
40) 1,2,4,5-Tetrachloroben...	13.049	216	161537	48.298	ng	99
41) Hexachlorocyclopentadiene	13.019	237	88283	52.199	ng	99
43) 2,4,6-Trichlorophenol	13.290	196	104057	48.279	ng	97

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44) 2,4,5-Trichlorophenol	13.372	196	112520	44.589	ng		97
46) 1,1'-Biphenyl	13.677	154	310084	46.698	ng		99
47) 2-Chloronaphthalene	13.724	162	247809	47.745	ng		98
48) 2-Nitroaniline	13.930	65	50248	46.832	ng		95
49) Acenaphthylene	14.570	152	391258	46.333	ng		100
50) Dimethylphthalate	14.283	163	321166	43.362	ng		99
51) 2,6-Dinitrotoluene	14.412	165	70475	43.632	ng		97
52) Acenaphthene	14.905	154	234694	46.867	ng		97
53) 3-Nitroaniline	14.747	138	59644	38.090	ng		98
54) 2,4-Dinitrophenol	14.964	184	69726	68.858	ng		97
55) Dibenzofuran	15.234	168	418160	46.562	ng		99
56) 4-Nitrophenol	15.070	139	94413	88.239	ng		97
57) 2,4-Dinitrotoluene	15.205	165	105375	46.316	ng	#	99
58) Fluorene	15.881	166	335585	46.961	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.469	232	99302	44.258	ng		98
60) Diethylphthalate	15.634	149	305797	43.969	ng		99
61) 4-Chlorophenyl-phenyle...	15.863	204	200141	45.899	ng		98
62) 4-Nitroaniline	15.910	138	71315	45.514	ng		99
63) Azobenzene	16.157	77	252724	52.810	ng		98
65) 4,6-Dinitro-2-methylph...	15.969	198	62146	37.781	ng		100
66) n-Nitrosodiphenylamine	16.080	169	304716	46.000	ng		99
67) 4-Bromophenyl-phenylether	16.756	248	138216	46.146	ng		99
68) Hexachlorobenzene	16.891	284	144312	49.193	ng		96
69) Atrazine	17.015	200	127343	49.829	ng		98
70) Pentachlorophenol	17.238	266	102464	57.725	ng		97
71) Phenanthrene	17.620	178	578785	47.265	ng		99
72) Anthracene	17.714	178	582238	46.319	ng		98
73) Carbazole	17.984	167	505303	47.198	ng		99
74) Di-n-butylphthalate	18.507	149	517069	45.997	ng		99
75) Fluoranthene	19.617	202	729359	47.192	ng		99
77) Benzidine	19.788	184	309162	52.391	ng		98
78) Pyrene	19.976	202	739502	47.682	ng		99
80) Butylbenzylphthalate	20.828	149	216012	45.606	ng		100
81) Benzo(a)anthracene	21.838	228	713602	46.809	ng		99
82) 3,3'-Dichlorobenzidine	21.739	252	221779	40.397	ng		98
83) Chrysene	21.903	228	667284	46.590	ng		100
84) Bis(2-ethylhexyl)phtha...	21.692	149	339537	49.999	ng		99
85) Di-n-octyl phthalate	22.943	149	520154	45.994	ng		100
87) Indeno(1,2,3-cd)pyrene	29.118	276	854916	48.453	ng	#	90
88) Benzo(b)fluoranthene	24.153	252	743845	49.719	ng		99
89) Benzo(k)fluoranthene	24.224	252	729813	48.316	ng		99
90) Benzo(a)pyrene	25.070	252	661252	44.869	ng		100
91) Dibenzo(a,h)anthracene	29.171	278	712176	48.086	ng		99
92) Benzo(g,h,i)perylene	30.340	276	698492	48.878	ng		98

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

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