Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057417.D
Acq On : 12 May 2023 20:20
Operator : CG/JU
Sample : 02747-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

Quant Time: May 13 03:20:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.363	152	16030	20.000	ng		0.00
21) Naphthalene-d8	11.200	136	69010	20.000	ng		0.00
39) Acenaphthene-d10	14.977	164	54845	20.000	ng		0.00
64) Phenanthrene-d10	17.720	188	134470	20.000	ng		0.00
76) Chrysene-d12	22.026	240	118487	20.000	ng		0.00
86) Perylene-d12	25.533	264	129217	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.878	112	102719	109.615	ng		0.00
7) Phenol-d6	7.505	99	157132	110.422	ng		0.00
23) Nitrobenzene-d5	9.543	82	99881	60.746	ng		0.00
42) 2,4,6-Tribromophenol	16.463	330	85291	109.601	ng		0.00
45) 2-Fluorobiphenyl	13.602	172	264837	65.035	ng		0.00
79) Terphenyl-d14	20.288	244	482513	66.456	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.675	88	14137	36.486	ng		95
3) Pyridine	4.098	79	41004	32.930	ng		93
4) n-Nitrosodimethylamine	4.010	42	22487	38.429	ng		92
6) Aniline	7.675	93	77581	42.976	ng		97
8) 2-Chlorophenol	7.922	128	53891	54.424	ng		96
9) Benzaldehyde	7.487	77	39134	54.363	ng		96
10) Phenol	7.534	94	76272	54.984	ng		100
11) bis(2-Chloroethyl)ether	7.763	93	47686	45.588	ng		98
12) 1,3-Dichlorobenzene	8.251	146	53335	48.803	ng		96
13) 1,4-Dichlorobenzene	8.398	146	55232	50.313	ng		97
14) 1,2-Dichlorobenzene	8.727	146	53253	50.250	ng		98
15) Benzyl Alcohol	8.598	79	60815	51.300	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.879	45	59625	45.225	ng		98
17) 2-Methylphenol	8.803	107	51887	51.890	ng		97
18) Hexachloroethane	9.461	117	19738	49.824	ng		97
19) n-Nitroso-di-n-propyla...	9.167	70	48767	44.944	ng	#	97
20) 3+4-Methylphenols	9.132	107	72527	52.970	ng		94
22) Acetophenone	9.191	105	88702	44.909	ng	#	98
24) Nitrobenzene	9.584	77	71178	42.889	ng		92
25) Isophorone	10.107	82	135165	42.394	ng		99
26) 2-Nitrophenol	10.307	139	32578	51.285	ng		93
27) 2,4-Dimethylphenol	10.348	122	57179	51.405	ng		98
28) bis(2-Chloroethoxy)met...	10.577	93	71291	44.633	ng		96
29) 2,4-Dichlorophenol	10.847	162	64827	54.949	ng		96
30) 1,2,4-Trichlorobenzene	11.059	180	64898	47.693	ng		97
31) Naphthalene	11.253	128	170779	46.290	ng		99
32) Benzoic acid	10.507	122	33916	52.398	ng		94
33) 4-Chloroaniline	11.353	127	55825	33.694	ng		95
34) Hexachlorobutadiene	11.523	225	45794	45.355	ng		97
35) Caprolactam	12.128	113	20557m	51.011	ng		
36) 4-Chloro-3-methylphenol	12.457	107	71604	53.408	ng		97
37) 2-Methylnaphthalene	12.833	142	135959	46.871	ng		96
38) 1-Methylnaphthalene	13.050	142	128051m	46.835	ng		
40) 1,2,4,5-Tetrachloroben...	13.191	216	95530	49.064	ng		100
41) Hexachlorocyclopentadiene	13.162	237	82659	87.667	ng		96
43) 2,4,6-Trichlorophenol	13.426	196	62595	52.769	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.503	196	66345	47.548	ng		99
46) 1,1'-Biphenyl	13.814	154	199343	48.982	ng		97
47) 2-Chloronaphthalene	13.867	162	149052	49.252	ng		98
48) 2-Nitroaniline	14.067	65	49081	47.697	ng		94
49) Acenaphthylene	14.707	152	237990	48.405	ng		99
50) Dimethylphthalate	14.419	163	203993	45.262	ng		98
51) 2,6-Dinitrotoluene	14.548	165	45584	49.537	ng		89
52) Acenaphthene	15.048	154	146554	47.702	ng		98
53) 3-Nitroaniline	14.883	138	33613	36.462	ng		87
54) 2,4-Dinitrophenol	15.095	184	58704	101.600	ng		99
55) Dibenzofuran	15.377	168	247653	47.976	ng		98
56) 4-Nitrophenol	15.189	139	62312	101.629	ng		94
57) 2,4-Dinitrotoluene	15.335	165	64054	48.706	ng		96
58) Fluorene	16.023	166	203914	47.958	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.600	232	65041	51.415	ng		99
60) Diethylphthalate	15.758	149	206334	45.081	ng		99
61) 4-Chlorophenyl-phenyle...	15.999	204	120576	47.073	ng		97
62) 4-Nitroaniline	16.040	138	43578	46.858	ng		90
63) Azobenzene	16.293	77	195707	44.317	ng		97
65) 4,6-Dinitro-2-methylph...	16.099	198	45740	56.973	ng		99
66) n-Nitrosodiphenylamine	16.217	169	176600	48.354	ng		98
67) 4-Bromophenyl-phenylether	16.892	248	80105	48.799	ng		99
68) Hexachlorobenzene	17.027	284	84377	52.894	ng		96
69) Atrazine	17.151	200	79025	56.722	ng		97
70) Pentachlorophenol	17.368	266	84407	91.812	ng		96
71) Phenanthrene	17.762	178	330629	47.983	ng		99
72) Anthracene	17.856	178	334619	47.328	ng		98
73) Carbazole	18.120	167	293337	49.282	ng		99
74) Di-n-butylphthalate	18.637	149	328546	47.975	ng		99
75) Fluoranthene	19.753	202	399079	46.567	ng		99
77) Benzidine	19.917	184	229411	86.605	ng		98
78) Pyrene	20.111	202	403704	46.888	ng		99
80) Butylbenzylphthalate	20.963	149	139766	51.161	ng		97
81) Benzo(a)anthracene	22.009	228	407814	48.309	ng		98
82) 3,3'-Dichlorobenzidine	21.903	252	115506	42.718	ng	#	98
83) Chrysene	22.079	228	369207	46.483	ng		99
84) Bis(2-ethylhexyl)phtha...	21.850	149	201725	49.907	ng		99
85) Di-n-octyl phthalate	23.148	149	342110	50.769	ng		97
87) Indeno(1,2,3-cd)pyrene	29.587	276	450908	47.880	ng	#	96
88) Benzo(b)fluoranthene	24.411	252	413075	48.903	ng		99
89) Benzo(k)fluoranthene	24.488	252	403413	46.999	ng		98
90) Benzo(a)pyrene	25.369	252	359179	43.525	ng		97
91) Dibenzo(a,h)anthracene	29.645	278	376160	47.962	ng		99
92) Benzo(g,h,i)perylene	30.861	276	361453	47.200	ng		98

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

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