Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051062.D
Acq On : 16 Nov 2021 11:14
Operator : CG/JU
Sample : PB140766BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB140766BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/16/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 16 13:33:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.225	152	42970	20.000	ng		0.00
21) Naphthalene-d8	11.051	136	200788	20.000	ng	#	0.00
39) Acenaphthene-d10	14.853	164	137010	20.000	ng		0.00
64) Phenanthrene-d10	17.603	188	290503	20.000	ng	#	0.00
76) Chrysene-d12	21.903	240	236554	20.000	ng	#	0.00
86) Perylene-d12	25.311	264	229453	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.764	112	367831	128.052	ng		0.00
7) Phenol-d6	7.379	99	496823	122.539	ng		0.00
23) Nitrobenzene-d5	9.406	82	340045	74.968	ng		0.00
42) 2,4,6-Tribromophenol	16.345	330	162754	118.703	ng		0.00
45) 2-Fluorobiphenyl	13.478	172	670522	77.326	ng		0.00
79) Terphenyl-d14	20.188	244	1005877	77.806	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.607	88	35052	27.215	ng		93
3) Pyridine	4.024	79	92699	24.307	ng	#	89
4) n-Nitrosodimethylamine	3.936	42	66275	39.178	ng	#	38
6) Aniline	7.550	93	214288	44.378	ng		96
8) 2-Chlorophenol	7.785	128	135696	45.992	ng		88
9) Benzaldehyde	7.362	77	108002	37.018	ng		93
10) Phenol	7.403	94	187451	45.018	ng		82
11) bis(2-Chloroethyl)ether	7.632	93	136350	42.497	ng		89
12) 1,3-Dichlorobenzene	8.114	146	134310	41.796	ng		94
13) 1,4-Dichlorobenzene	8.261	146	136937	42.338	ng		96
14) 1,2-Dichlorobenzene	8.584	146	134716	42.886	ng		94
15) Benzyl Alcohol	8.466	79	143462	44.987	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.748	45	209703	40.773	ng		86
17) 2-Methylphenol	8.666	107	127139	45.858	ng	#	91
18) Hexachloroethane	9.312	117	52041	42.388	ng		90
19) n-Nitroso-di-n-propyla...	9.030	70	127819	42.661	ng	#	86
20) 3+4-Methylphenols	8.995	107	176722	45.171	ng		94
22) Acetophenone	9.060	105	219396	39.314	ng	#	93
24) Nitrobenzene	9.447	77	181307	40.544	ng		92
25) Isophorone	9.970	82	337111	41.119	ng	#	95
26) 2-Nitrophenol	10.158	139	80229	42.213	ng	#	87
27) 2,4-Dimethylphenol	10.205	122	135535	46.785	ng		94
28) bis(2-Chloroethoxy)met...	10.440	93	189687	38.924	ng		92
29) 2,4-Dichlorophenol	10.699	162	134031	43.272	ng		95
30) 1,2,4-Trichlorobenzene	10.910	180	140102	40.375	ng		96
31) Naphthalene	11.104	128	432778	40.140	ng		98
32) Benzoic acid	10.364	122	97056	43.470	ng	#	81
33) 4-Chloroaniline	11.210	127	181861	39.924	ng		95
34) Hexachlorobutadiene	11.369	225	82796	39.213	ng		95
35) Caprolactam	12.009	113	53514m	63.543	ng		
36) 4-Chloro-3-methylphenol	12.321	107	168569	43.621	ng	#	94
37) 2-Methylnaphthalene	12.697	142	316013	43.134	ng		93
38) 1-Methylnaphthalene	12.914	142	288517	40.298	ng		93
40) 1,2,4,5-Tetrachloroben...	13.055	216	159445	39.947	ng		98
41) Hexachlorocyclopentadiene	13.026	237	150353	110.613	ng		94
43) 2,4,6-Trichlorophenol	13.296	196	117233	41.167	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.366	196	125215	41.228	ng		90
46) 1,1'-Biphenyl	13.690	154	387475	38.729	ng		94
47) 2-Chloronaphthalene	13.737	162	316323	40.324	ng		99
48) 2-Nitroaniline	13.942	65	125331	41.721	ng		89
49) Acenaphthylene	14.583	152	511450	40.312	ng		98
50) Dimethylphthalate	14.301	163	426834	39.595	ng		99
51) 2,6-Dinitrotoluene	14.430	165	95836	43.196	ng	#	81
52) Acenaphthene	14.918	154	300877	40.700	ng		93
53) 3-Nitroaniline	14.765	138	98141	37.849	ng		94
54) 2,4-Dinitrophenol	14.976	184	109600	90.334	ng	#	81
55) Dibenzofuran	15.252	168	491697	39.105	ng		96
56) 4-Nitrophenol	15.070	139	159152	80.232	ng	#	71
57) 2,4-Dinitrotoluene	15.217	165	133458	42.395	ng		94
58) Fluorene	15.899	166	397459	40.495	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.476	232	107304	41.484	ng	#	98
60) Diethylphthalate	15.652	149	450281	39.806	ng		97
61) 4-Chlorophenyl-phenyle...	15.881	204	211663	39.925	ng		97
62) 4-Nitroaniline	15.928	138	104332	38.709	ng	#	63
63) Azobenzene	16.175	77	472668	39.431	ng		82
65) 4,6-Dinitro-2-methylph...	15.981	198	72911	40.568	ng		91
66) n-Nitrosodiphenylamine	16.099	169	361473	43.327	ng		98
67) 4-Bromophenyl-phenylether	16.780	248	132203	43.446	ng		94
68) Hexachlorobenzene	16.903	284	131043	43.750	ng		97
69) Atrazine	17.039	200	137758	66.411	ng		95
70) Pentachlorophenol	17.250	266	153688	90.417	ng		99
71) Phenanthrene	17.644	178	643793	41.547	ng		99
72) Anthracene	17.738	178	660538	42.861	ng		98
73) Carbazole	18.002	167	594956	38.982	ng		99
74) Di-n-butylphthalate	18.531	149	741617	41.012	ng	#	97
75) Fluoranthene	19.641	202	736803	38.757	ng		96
77) Benzidine	19.818	184	618931	138.420	ng		96
78) Pyrene	20.006	202	728940	41.076	ng		98
80) Butylbenzylphthalate	20.869	149	318792	41.793	ng		97
81) Benzo(a)anthracene	21.880	228	662136	40.765	ng		99
82) 3,3'-Dichlorobenzidine	21.786	252	236092	31.781	ng	#	99
83) Chrysene	21.950	228	644178	42.041	ng		95
84) Bis(2-ethylhexyl)phtha...	21.745	149	452296	42.110	ng	#	97
85) Di-n-octyl phthalate	23.014	149	765132	42.318	ng		99
87) Indeno(1,2,3-cd)pyrene	29.242	276	719274	44.164	ng	#	87
88) Benzo(b)fluoranthene	24.224	252	677506	46.909	ng	#	92
89) Benzo(k)fluoranthene	24.295	252	627600	43.568	ng	#	96
90) Benzo(a)pyrene	25.153	252	644902	52.301	ng	#	94
91) Dibenzo(a,h)anthracene	29.307	278	611290	45.588	ng	#	92
92) Benzo(g,h,i)perylene	30.476	276	603131	45.706	ng	#	89

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

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