Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
Data File : BG055429.D
Acq On : 3 Nov 2022 00:43
Operator : CG/JU
Sample : N5395-10MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 03 06:13:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
S-7-103122MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.238	152	30596	20.000	ng		0.00
21) Naphthalene-d8	11.070	136	133417	20.000	ng		0.00
39) Acenaphthene-d10	14.860	164	92216	20.000	ng		0.00
64) Phenanthrene-d10	17.592	188	196731	20.000	ng		0.00
76) Chrysene-d12	21.869	240	186392	20.000	ng		0.00
86) Perylene-d12	25.241	264	209556	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.764	112	203343	119.353	ng		0.00
7) Phenol-d6	7.392	99	264598	111.994	ng		0.00
23) Nitrobenzene-d5	9.419	82	158164	63.180	ng		0.00
42) 2,4,6-Tribromophenol	16.340	330	131801	104.783	ng		0.00
45) 2-Fluorobiphenyl	13.485	172	410420	65.988	ng		0.00
79) Terphenyl-d14	20.165	244	651258	67.943	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.567	88	28148	36.426	ng		96
3) Pyridine	3.984	79	74759	32.598	ng		99
4) n-Nitrosodimethylamine	3.896	42	37562	41.460	ng		98
6) Aniline	7.556	93	105881	34.553	ng		99
8) 2-Chlorophenol	7.803	128	103994	50.238	ng		100
9) Benzaldehyde	7.368	77	67245	48.413	ng		98
10) Phenol	7.415	94	129636	48.478	ng		98
11) bis(2-Chloroethyl)ether	7.644	93	88980	44.475	ng		98
12) 1,3-Dichlorobenzene	8.126	146	112724	48.044	ng		99
13) 1,4-Dichlorobenzene	8.279	146	113289	47.407	ng		100
14) 1,2-Dichlorobenzene	8.602	146	112200	49.052	ng		99
15) Benzyl Alcohol	8.479	79	88920m	47.189	ng		
16) 2,2'-oxybis(1-Chloropr...	8.767	45	116937	43.931	ng		99
17) 2-Methylphenol	8.684	107	91883	47.754	ng		99
18) Hexachloroethane	9.337	117	40183	49.291	ng		95
19) n-Nitroso-di-n-propyla...	9.043	70	76667	41.528	ng		99
20) 3+4-Methylphenols	9.013	107	126617	46.314	ng		100
22) Acetophenone	9.072	105	155424	44.445	ng	#	99
24) Nitrobenzene	9.460	77	112823	43.228	ng		99
25) Isophorone	9.983	82	212789	42.920	ng		99
26) 2-Nitrophenol	10.177	139	63314	47.111	ng		99
27) 2,4-Dimethylphenol	10.224	122	103568	54.961	ng		99
28) bis(2-Chloroethoxy)met...	10.453	93	126034	47.727	ng		99
29) 2,4-Dichlorophenol	10.717	162	109065	47.447	ng		97
30) 1,2,4-Trichlorobenzene	10.929	180	117232	47.097	ng		100
31) Naphthalene	11.123	128	335008	44.598	ng		100
32) Benzoic acid	10.476	122	2957m	7.081	ng		
33) 4-Chloroaniline	11.223	127	101258	32.442	ng		99
34) Hexachlorobutadiene	11.393	225	73077	47.231	ng		99
35) Caprolactam	11.998	113	33953	39.894	ng		97
36) 4-Chloro-3-methylphenol	12.333	107	110816	44.029	ng		100
37) 2-Methylnaphthalene	12.709	142	245211	44.441	ng		99
38) 1-Methylnaphthalene	12.927	142	228514	42.462	ng		99
40) 1,2,4,5-Tetrachloroben...	13.068	216	133038	48.838	ng		99
41) Hexachlorocyclopentadiene	13.044	237	147967	111.078	ng		95
43) 2,4,6-Trichlorophenol	13.303	196	90584	47.751	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.385	196	95343	45.122	ng	97
46) 1,1'-Biphenyl	13.696	154	321888	47.437	ng	99
47) 2-Chloronaphthalene	13.743	162	253664	46.523	ng	99
48) 2-Nitroaniline	13.943	65	71286	42.566	ng	96
49) Acenaphthylene	14.583	152	404278	45.156	ng	99
50) Dimethylphthalate	14.301	163	313516	40.730	ng	99
51) 2,6-Dinitrotoluene	14.431	165	68332	42.404	ng	99
52) Acenaphthene	14.924	154	232793	43.689	ng	99
53) 3-Nitroaniline	14.760	138	64126	35.406	ng	96
54) 2,4-Dinitrophenol	14.983	184	4913	9.878	ng	90
55) Dibenzofuran	15.253	168	392184	44.467	ng	99
56) 4-Nitrophenol	15.071	139	102735	82.727	ng	95
57) 2,4-Dinitrotoluene	15.212	165	97786	42.439	ng	98
58) Fluorene	15.900	166	309896	43.253	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.476	232	79518	41.853	ng	97
60) Diethylphthalate	15.647	149	320743	40.096	ng	100
61) 4-Chlorophenyl-phenyle...	15.876	204	163984	44.270	ng	98
62) 4-Nitroaniline	15.917	138	74286	38.767	ng	99
63) Azobenzene	16.170	77	275625	41.450	ng	98
65) 4,6-Dinitro-2-methylph...	15.976	198	11541	9.107	ng	99
66) n-Nitrosodiphenylamine	16.093	169	270222	46.200	ng	99
67) 4-Bromophenyl-phenylether	16.769	248	109311	47.004	ng	100
68) Hexachlorobenzene	16.898	284	124325	46.879	ng	99
69) Atrazine	17.028	200	105618	53.787	ng	99
70) Pentachlorophenol	17.245	266	49275	38.170	ng	97
71) Phenanthrene	17.633	178	522929	47.256	ng	100
72) Anthracene	17.727	178	502597	46.337	ng	100
73) Carbazole	17.991	167	457379	45.324	ng	99
74) Di-n-butylphthalate	18.520	149	550026	43.640	ng	99
75) Fluoranthene	19.625	202	611199	45.918	ng	99
77) Benzidine	19.795	184	286809	73.909	ng	100
78) Pyrene	19.983	202	615905	46.840	ng	99
80) Butylbenzylphthalate	20.841	149	243937	44.497	ng	98
81) Benzo(a)anthracene	21.845	228	586041	45.802	ng	100
82) 3,3'-Dichlorobenzidine	21.746	252	164353	37.458	ng	100
83) Chrysene	21.916	228	545974	44.727	ng	99
84) Bis(2-ethylhexyl)phtha...	21.704	149	358577	44.997	ng	99
85) Di-n-octyl phthalate	22.962	149	618420	45.292	ng	100
87) Indeno(1,2,3-cd)pyrene	29.137	276	761805	45.278	ng	100
88) Benzo(b)fluoranthene	24.166	252	631929	47.474	ng	99
89) Benzo(k)fluoranthene	24.231	252	615138	45.986	ng	100
90) Benzo(a)pyrene	25.083	252	569774	49.504	ng	99
91) Dibenzo(a,h)anthracene	29.196	278	639900	46.099	ng	99
92) Benzo(g,h,i)perylene	30.359	276	640161	46.370	ng	98

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

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