Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
Data File : BG055459.D
Acq On : 4 Nov 2022 18:28
Operator : CG/JU
Sample : N5418-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-JMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

Quant Time: Nov 05 00:04:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 05:28:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	22485	20.000	ng	0.00
21) Naphthalene-d8	11.058	136	97985	20.000	ng	0.00
39) Acenaphthene-d10	14.848	164	74219	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	181622	20.000	ng	0.00
76) Chrysene-d12	21.858	240	184840	20.000	ng	0.00
86) Perylene-d12	25.224	264	202640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.759	112	197277	157.563	ng	0.00
7) Phenol-d6	7.386	99	249098	143.466	ng	0.00
23) Nitrobenzene-d5	9.407	82	168098	91.430	ng	0.00
42) 2,4,6-Tribromophenol	16.329	330	164452	162.443	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	449722	89.840	ng	0.00
79) Terphenyl-d14	20.160	244	899099	94.586	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	25569	45.024	ng	# 48
3) Pyridine	3.990	79	63978	37.961	ng	96
4) n-Nitrosodimethylamine	3.890	42	33271	49.971	ng	97
6) Aniline	7.545	93	67023	29.762	ng	98
8) 2-Chlorophenol	7.798	128	81376	53.493	ng	99
9) Benzaldehyde	7.357	77	49046	48.048	ng	99
10) Phenol	7.410	94	95591	48.641	ng	98
11) bis(2-Chloroethyl)ether	7.639	93	71267	48.471	ng	95
12) 1,3-Dichlorobenzene	8.121	146	81102	47.035	ng	99
13) 1,4-Dichlorobenzene	8.268	146	81820	46.589	ng	99
14) 1,2-Dichlorobenzene	8.591	146	81539	48.507	ng	98
15) Benzyl Alcohol	8.473	79	74528m	53.819	ng	
16) 2,2'-oxybis(1-Chloropr...	8.749	45	89329	45.665	ng	98
17) 2-Methylphenol	8.679	107	73488	51.971	ng	99
18) Hexachloroethane	9.325	117	26946	44.977	ng	97
19) n-Nitroso-di-n-propyla...	9.037	70	63269	46.634	ng	96
20) 3+4-Methylphenols	9.002	107	100777	50.160	ng	94
22) Acetophenone	9.061	105	129322	50.354	ng	98
24) Nitrobenzene	9.449	77	91842	47.913	ng	95
25) Isophorone	9.971	82	182110	50.015	ng	98
26) 2-Nitrophenol	10.165	139	49210	49.857	ng	98
27) 2,4-Dimethylphenol	10.218	122	84741	61.232	ng	100
28) bis(2-Chloroethoxy)met...	10.447	93	104213	53.735	ng	98
29) 2,4-Dichlorophenol	10.712	162	91545	54.226	ng	97
30) 1,2,4-Trichlorobenzene	10.917	180	85079	46.540	ng	100
31) Naphthalene	11.111	128	258209	46.804	ng	99
32) Benzoic acid	10.383	122	27763m	35.960	ng	
33) 4-Chloroaniline	11.229	127	13423	5.856	ng	98
34) Hexachlorobutadiene	11.382	225	51073	44.946	ng	99
35) Caprolactam	11.999	113	28385m	45.412	ng	
36) 4-Chloro-3-methylphenol	12.328	107	100416	54.324	ng	98
37) 2-Methylnaphthalene	12.698	142	194472	47.990	ng	99
38) 1-Methylnaphthalene	12.915	142	184206	46.606	ng	100
40) 1,2,4,5-Tetrachloroben...	13.062	216	106087	48.388	ng	99
41) Hexachlorocyclopentadiene	13.033	237	97038	91.710	ng	96
43) 2,4,6-Trichlorophenol	13.297	196	79408	52.010	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.373	196	88498	52.039	ng	96
46)	1,1'-Biphenyl	13.685	154	271146	49.649	ng	99
47)	2-Chloronaphthalene	13.738	162	212840	48.502	ng	99
48)	2-Nitroaniline	13.937	65	66915	49.645	ng	99
49)	Acenaphthylene	14.578	152	351794	48.822	ng	100
50)	Dimethylphthalate	14.296	163	309977	50.035	ng	100
51)	2,6-Dinitrotoluene	14.419	165	66196	51.039	ng	97
52)	Acenaphthene	14.913	154	205493	47.917	ng	98
53)	3-Nitroaniline	14.754	138	30657	21.031	ng	97
54)	2,4-Dinitrophenol	14.966	184	57820	74.161	ng	97
55)	Dibenzofuran	15.242	168	354888	49.995	ng	100
56)	4-Nitrophenol	15.071	139	104104	104.157	ng	91
57)	2,4-Dinitrotoluene	15.207	165	97610	52.635	ng	97
58)	Fluorene	15.888	166	284412	49.322	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.471	232	79919	52.264	ng	97
60)	Diethylphthalate	15.641	149	315736	49.041	ng	99
61)	4-Chlorophenyl-phenyle...	15.870	204	153048	51.337	ng	99
62)	4-Nitroaniline	15.917	138	73381	47.581	ng	98
63)	Azobenzene	16.164	77	259281	48.448	ng	98
65)	4,6-Dinitro-2-methylph...	15.970	198	50673	43.314	ng	98
66)	n-Nitrosodiphenylamine	16.088	169	263450	48.789	ng	100
67)	4-Bromophenyl-phenylether	16.764	248	107011	49.843	ng	97
68)	Hexachlorobenzene	16.893	284	120342	49.152	ng	96
69)	Atrazine	17.022	200	109620	60.469	ng	100
70)	Pentachlorophenol	17.234	266	122763	95.863	ng	98
71)	Phenanthrene	17.627	178	495033	48.457	ng	100
72)	Anthracene	17.715	178	505367	50.469	ng	100
73)	Carbazole	17.986	167	478214	51.331	ng	99
74)	Di-n-butylphthalate	18.509	149	574269	49.354	ng	100
75)	Fluoranthene	19.619	202	601799	48.973	ng	99
77)	Benzidine	19.789	184	160124	41.610	ng	99
78)	Pyrene	19.977	202	612736	46.990	ng	100
80)	Butylbenzylphthalate	20.829	149	258813	47.607	ng	100
81)	Benzo(a)anthracene	21.834	228	604251	47.622	ng	100
82)	3,3'-Dichlorobenzidine	21.740	252	121259	27.868	ng	99
83)	Chrysene	21.905	228	565588	46.722	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.693	149	378782	47.932	ng	99
85)	Di-n-octyl phthalate	22.945	149	649076	47.937	ng	99
87)	Indeno(1,2,3-cd)pyrene	29.108	276	783206	48.139	ng	99
88)	Benzo(b)fluoranthene	24.149	252	668825	51.961	ng	100
89)	Benzo(k)fluoranthene	24.219	252	629268	48.648	ng	99
90)	Benzo(a)pyrene	25.066	252	583820	52.456	ng	100
91)	Dibenzo(a,h)anthracene	29.161	278	663894	49.460	ng	99
92)	Benzo(g,h,i)perylene	30.324	276	654876	49.055	ng	98

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

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