Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055749.D
Acq On : 22 Nov 2022 21:22
Operator : CG/JU
Sample : N5718-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-228MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Quant Time: Nov 23 01:40:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:35:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.242	152	38746	20.000	ng	0.00
21) Naphthalene-d8	11.074	136	170591	20.000	ng	0.00
39) Acenaphthene-d10	14.869	164	121033	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	260806	20.000	ng	0.00
76) Chrysene-d12	21.908	240	236285	20.000	ng	0.00
86) Perylene-d12	25.316	264	258778	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.774	112	355155	165.681	ng	0.00
7) Phenol-d6	7.396	99	461463	161.720	ng	0.00
23) Nitrobenzene-d5	9.417	82	286656	88.816	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	231444	135.800	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	680721	84.259	ng	0.00
79) Terphenyl-d14	20.198	244	994515	84.185	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.600	88	38612	42.149	ng	97
3) Pyridine	4.017	79	108797	38.714	ng	99
4) n-Nitrosodimethylamine	3.929	42	69187	46.501	ng	93
6) Aniline	7.560	93	134462	37.516	ng	99
8) 2-Chlorophenol	7.807	128	138062	56.340	ng	98
9) Benzaldehyde	7.372	77	77997	40.248	ng	98
10) Phenol	7.419	94	175646	54.975	ng	98
11) bis(2-Chloroethyl)ether	7.648	93	123269	50.344	ng	98
12) 1,3-Dichlorobenzene	8.130	146	144279	50.078	ng	99
13) 1,4-Dichlorobenzene	8.277	146	147805	50.768	ng	98
14) 1,2-Dichlorobenzene	8.600	146	144575	51.822	ng	100
15) Benzyl Alcohol	8.477	79	123817m	53.391	ng	
16) 2,2'-oxybis(1-Chloropr...	8.765	45	222261	50.143	ng	98
17) 2-Methylphenol	8.682	107	124219	54.762	ng	99
18) Hexachloroethane	9.340	117	53078	52.970	ng	97
19) n-Nitroso-di-n-propyla...	9.047	70	104237	47.544	ng	99
20) 3+4-Methylphenols	9.011	107	169889	53.615	ng	98
22) Acetophenone	9.070	105	206259	46.530	ng	98
24) Nitrobenzene	9.458	77	156569	46.442	ng	99
25) Isophorone	9.981	82	293444	47.985	ng	99
26) 2-Nitrophenol	10.175	139	80781	51.906	ng	96
27) 2,4-Dimethylphenol	10.222	122	137448m	58.029	ng	
28) bis(2-Chloroethoxy)met...	10.457	93	168572	51.347	ng	98
29) 2,4-Dichlorophenol	10.715	162	145293	51.250	ng	100
30) 1,2,4-Trichlorobenzene	10.933	180	155633	47.252	ng	99
31) Naphthalene	11.126	128	432038	46.849	ng	100
32) Benzoic acid	10.374	122	99188	50.899	ng	96
33) 4-Chloroaniline	11.226	127	99861	26.251	ng	96
34) Hexachlorobutadiene	11.397	225	102839	45.726	ng	96
35) Caprolactam	12.002	113	46345m	47.240	ng	
36) 4-Chloro-3-methylphenol	12.331	107	158370	50.826	ng	99
37) 2-Methylnaphthalene	12.713	142	325643	47.162	ng	99
38) 1-Methylnaphthalene	12.930	142	307481	45.871	ng	100
40) 1,2,4,5-Tetrachloroben...	13.071	216	186927	49.146	ng	99
41) Hexachlorocyclopentadiene	13.048	237	160537	83.744	ng	99
43) 2,4,6-Trichlorophenol	13.312	196	127744	49.236	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.383	196	139625	48.971	ng		99
46)	1,1'-Biphenyl	13.706	154	431932	48.973	ng		97
47)	2-Chloronaphthalene	13.753	162	331770	48.395	ng		98
48)	2-Nitroaniline	13.947	65	109067	48.391	ng		96
49)	Acenaphthylene	14.593	152	536214	47.499	ng		100
50)	Dimethylphthalate	14.311	163	422739	43.815	ng		99
51)	2,6-Dinitrotoluene	14.434	165	92193	46.733	ng		99
52)	Acenaphthene	14.934	154	403851m	54.737	ng		
53)	3-Nitroaniline	14.769	138	79217	36.579	ng		100
54)	2,4-Dinitrophenol	14.975	184	102309	90.199	ng		99
55)	Dibenzofuran	15.263	168	539789	47.425	ng		99
56)	4-Nitrophenol	15.069	139	157930	92.917	ng		99
57)	2,4-Dinitrotoluene	15.222	165	131307	47.209	ng		96
58)	Fluorene	15.909	166	439544	48.351	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.486	232	122855	44.469	ng		97
60)	Diethylphthalate	15.662	149	423978	43.464	ng		99
61)	4-Chlorophenyl-phenyle...	15.891	204	226074	45.241	ng		97
62)	4-Nitroaniline	15.927	138	95835	42.334	ng		97
63)	Azobenzene	16.185	77	411989	48.377	ng		99
65)	4,6-Dinitro-2-methylph...	15.985	198	69246	47.549	ng		97
66)	n-Nitrosodiphenylamine	16.109	169	364357	50.693	ng		99
67)	4-Bromophenyl-phenylether	16.790	248	144673	48.685	ng		99
68)	Hexachlorobenzene	16.914	284	160340	48.662	ng		99
69)	Atrazine	17.049	200	144235	50.740	ng		99
70)	Pentachlorophenol	17.260	266	193513	96.005	ng		99
71)	Phenanthrene	17.654	178	855647	60.795	ng		99
72)	Anthracene	17.742	178	714768	52.269	ng		99
73)	Carbazole	18.012	167	604061	49.137	ng		99
74)	Di-n-butylphthalate	18.541	149	698762	45.776	ng		100
75)	Fluoranthene	19.652	202	1106988	64.652	ng		98
77)	Benzidine	19.816	184	168202	30.771	ng		99
78)	Pyrene	20.010	202	1048768	65.574	ng		98
80)	Butylbenzylphthalate	20.874	149	303969	48.548	ng		99
81)	Benzo(a)anthracene	21.890	228	892846	54.862	ng		99
82)	3,3'-Dichlorobenzidine	21.790	252	181827	31.796	ng		98
83)	Chrysene	21.961	228	832315	53.722	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.761	149	475458	52.839	ng		100
85)	Di-n-octyl phthalate	23.030	149	762005	49.484	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.258	276	1009763	47.631	ng	#	94
88)	Benzo(b)fluoranthene	24.235	252	973205	57.747	ng		98
89)	Benzo(k)fluoranthene	24.305	252	846327	50.379	ng		98
90)	Benzo(a)pyrene	25.163	252	824107	56.984	ng		99
91)	Dibenzo(a,h)anthracene	29.311	278	803808	46.399	ng		99
92)	Benzo(g,h,i)perylene	30.492	276	820841	47.012	ng		99

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

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