Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055490.D
Acq On : 7 Nov 2022 23:38
Operator : CG/JU
Sample : N5460-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SH-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

Quant Time: Nov 08 03:54:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 03:46:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.082	152	24133	20.000	ng		0.00
21) Naphthalene-d8	10.908	136	112742	20.000	ng	#	0.00
39) Acenaphthene-d10	14.721	164	85767	20.000	ng		0.00
64) Phenanthrene-d10	17.459	188	201926	20.000	ng		0.00
76) Chrysene-d12	21.719	240	202719	20.000	ng		0.00
86) Perylene-d12	24.980	264	224186	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.608	112	169287	125.974	ng		0.00
7) Phenol-d6	7.242	99	229435	123.118	ng		0.00
23) Nitrobenzene-d5	9.263	82	127254	60.155	ng		0.00
42) 2,4,6-Tribromophenol	16.207	330	147297	125.908	ng		0.00
45) 2-Fluorobiphenyl	13.346	172	377890	65.326	ng		0.00
79) Terphenyl-d14	20.050	244	683909	65.602	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	19935	32.706	ng		94
3) Pyridine	3.804	79	51851	28.665	ng		90
4) n-Nitrosodimethylamine	3.710	42	20853	29.181	ng		87
6) Aniline	7.400	93	88717	36.705	ng		93
8) 2-Chlorophenol	7.647	128	77854	47.683	ng		91
9) Benzaldehyde	7.206	77	41051m	37.469	ng		
10) Phenol	7.271	94	90834	43.064	ng		96
11) bis(2-Chloroethyl)ether	7.488	93	60621	38.415	ng		89
12) 1,3-Dichlorobenzene	7.970	146	77438	41.843	ng		96
13) 1,4-Dichlorobenzene	8.117	146	78711	41.758	ng		98
14) 1,2-Dichlorobenzene	8.440	146	77392	42.896	ng		98
15) Benzyl Alcohol	8.323	79	59469	40.012	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.605	45	61206	29.152	ng		93
17) 2-Methylphenol	8.534	107	67331	44.365	ng		96
18) Hexachloroethane	9.175	117	26290	40.886	ng		92
19) n-Nitroso-di-n-propyla...	8.893	70	50566	34.725	ng	#	91
20) 3+4-Methylphenols	8.863	107	92558	42.923	ng		96
22) Acetophenone	8.916	105	110269	37.315	ng	#	94
24) Nitrobenzene	9.304	77	72823	33.018	ng	#	89
25) Isophorone	9.827	82	148540	35.455	ng	#	93
26) 2-Nitrophenol	10.021	139	46054	40.553	ng	#	89
27) 2,4-Dimethylphenol	10.073	122	78947	49.578	ng		96
28) bis(2-Chloroethoxy)met...	10.303	93	90455	40.536	ng		99
29) 2,4-Dichlorophenol	10.561	162	85379	43.954	ng		96
30) 1,2,4-Trichlorobenzene	10.767	180	83293	39.599	ng		99
31) Naphthalene	10.961	128	234889	37.004	ng		99
32) Benzoic acid	10.250	122	31304m	35.406	ng		
33) 4-Chloroaniline	11.072	127	76845	29.135	ng		96
34) Hexachlorobutadiene	11.237	225	49814	38.100	ng		97
35) Caprolactam	11.854	113	27904m	38.799	ng		
36) 4-Chloro-3-methylphenol	12.195	107	86818	40.820	ng		92
37) 2-Methylnaphthalene	12.559	142	182247	39.087	ng		97
38) 1-Methylnaphthalene	12.776	142	171778	37.773	ng		99
40) 1,2,4,5-Tetrachloroben...	12.923	216	101809	40.184	ng		99
41) Hexachlorocyclopentadiene	12.900	237	81509	68.432	ng		94
43) 2,4,6-Trichlorophenol	13.164	196	71869	40.735	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.246	196	76625	38.991	ng		96
46)	1,1'-Biphenyl	13.558	154	252030	39.935	ng		98
47)	2-Chloronaphthalene	13.605	162	198854	39.213	ng		100
48)	2-Nitroaniline	13.810	65	48901	31.395	ng	#	81
49)	Acenaphthylene	14.445	152	320337	38.471	ng		99
50)	Dimethylphthalate	14.169	163	272543	38.069	ng		99
51)	2,6-Dinitrotoluene	14.298	165	59828	39.918	ng		89
52)	Acenaphthene	14.786	154	188342	38.005	ng		98
53)	3-Nitroaniline	14.633	138	48730	28.929	ng		88
54)	2,4-Dinitrophenol	14.844	184	62471	69.674	ng		91
55)	Dibenzofuran	15.121	168	315808	38.500	ng		98
56)	4-Nitrophenol	14.950	139	91105	78.878	ng		89
57)	2,4-Dinitrotoluene	15.085	165	86446	40.338	ng		88
58)	Fluorene	15.767	166	258314	38.764	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.350	232	71772	40.617	ng		96
60)	Diethylphthalate	15.520	149	280215	37.664	ng		98
61)	4-Chlorophenyl-phenyle...	15.749	204	137307	39.855	ng		99
62)	4-Nitroaniline	15.790	138	64625	36.262	ng		96
63)	Azobenzene	16.043	77	203296	32.872	ng		95
65)	4,6-Dinitro-2-methylph...	15.855	198	48619	37.379	ng		91
66)	n-Nitrosodiphenylamine	15.967	169	235503	39.228	ng		98
67)	4-Bromophenyl-phenylether	16.642	248	96308	40.347	ng		96
68)	Hexachlorobenzene	16.766	284	116387	42.757	ng		92
69)	Atrazine	16.907	200	93087	46.186	ng		98
70)	Pentachlorophenol	17.118	266	104211	74.188	ng		99
71)	Phenanthrene	17.500	178	434148	38.224	ng		100
72)	Anthracene	17.594	178	440103	39.532	ng		99
73)	Carbazole	17.864	167	406944	39.288	ng		99
74)	Di-n-butylphthalate	18.399	149	498654	38.546	ng		99
75)	Fluoranthene	19.504	202	512136	37.486	ng		99
77)	Benzidine	19.680	184	361023	85.541	ng		99
78)	Pyrene	19.862	202	522614	36.544	ng		99
80)	Butylbenzylphthalate	20.726	149	224110	37.588	ng		93
81)	Benzo(a)anthracene	21.701	228	527030	37.873	ng		99
82)	3,3'-Dichlorobenzidine	21.607	252	124114	26.009	ng		99
83)	Chrysene	21.766	228	496392	37.390	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.572	149	325886	37.601	ng		100
85)	Di-n-octyl phthalate	22.788	149	542378	36.524	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	28.728	276	700857	38.937	ng		98
88)	Benzo(b)fluoranthene	23.940	252	581951	40.867	ng		99
89)	Benzo(k)fluoranthene	24.004	252	555417	38.812	ng		99
90)	Benzo(a)pyrene	24.827	252	513288	41.686	ng		99
91)	Dibenzo(a,h)anthracene	28.775	278	602505	40.572	ng		98
92)	Benzo(g,h,i)perylene	29.903	276	589341	39.903	ng		98

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

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