Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131918.D
Acq On : 05 Jan 2023 16:51
Operator : CG\JU
Sample : 01029-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 06 03:11:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 03:02:38 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-205MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	69523	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	253622	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	147766	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	292935	20.000	ng		0.00
76) Chrysene-d12	14.004	240	147437	20.000	ng		0.00
86) Perylene-d12	15.480	264	137537	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	493636	117.668	ng		0.02
7) Phenol-d6	6.446	99	653695	118.602	ng		0.00
23) Nitrobenzene-d5	7.375	82	460085	72.427	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	199851	124.480	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	789588	73.192	ng		0.00
79) Terphenyl-d14	12.945	244	885325	101.572	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.558	88	75288	38.700	ng		97
3) Pyridine	3.287	79	205472	37.570	ng		98
4) n-Nitrosodimethylamine	3.258	42	108703	42.271	ng		100
6) Aniline	6.469	93	256865	38.428	ng		100
8) 2-Chlorophenol	6.587	128	191237	43.268	ng		93
9) Benzaldehyde	6.351	77	122138	34.536	ng		95
10) Phenol	6.457	94	275104	41.914	ng		88
11) bis(2-Chloroethyl)ether	6.540	93	202035	43.044	ng		99
12) 1,3-Dichlorobenzene	6.740	146	214627	42.493	ng		98
13) 1,4-Dichlorobenzene	6.822	146	211719	41.593	ng		96
14) 1,2-Dichlorobenzene	6.975	146	204938	42.847	ng		98
15) Benzyl Alcohol	6.951	79	214210	44.319	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	256866	42.884	ng		98
17) 2-Methylphenol	7.069	107	172789	42.763	ng		97
18) Hexachloroethane	7.316	117	86756	42.208	ng		92
19) n-Nitroso-di-n-propyla...	7.222	70	163909	42.108	ng		100
20) 3+4-Methylphenols	7.222	107	222699	42.241	ng		96
22) Acetophenone	7.222	105	312742	42.061	ng	#	99
24) Nitrobenzene	7.393	77	255400	40.118	ng		98
25) Isophorone	7.634	82	459942	44.336	ng		98
26) 2-Nitrophenol	7.710	139	104283	42.131	ng		95
27) 2,4-Dimethylphenol	7.751	122	178127	50.451	ng		97
28) bis(2-Chloroethoxy)met...	7.845	93	253642	45.575	ng		99
29) 2,4-Dichlorophenol	7.957	162	178553	41.975	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	205524	40.751	ng		98
31) Naphthalene	8.116	128	558989	40.245	ng		99
32) Benzoic acid	7.893	122	102529	39.730	ng		87
33) 4-Chloroaniline	8.169	127	147635	27.702	ng		99
34) Hexachlorobutadiene	8.228	225	136069	39.435	ng		99
35) Caprolactam	8.551	113	53572m	42.537	ng		
36) 4-Chloro-3-methylphenol	8.663	107	205892	42.827	ng		95
37) 2-Methylnaphthalene	8.810	142	378695	40.624	ng		100
38) 1-Methylnaphthalene	8.910	142	348343	38.470	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	218379	42.090	ng		99
41) Hexachlorocyclopentadiene	8.957	237	223816	95.176	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	135820	40.872	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.134	196	145491	40.503	ng	98
46)	1,1'-Biphenyl	9.281	154	481298	42.544	ng	98
47)	2-Chloronaphthalene	9.304	162	383760	41.003	ng	98
48)	2-Nitroaniline	9.404	65	141875	41.356	ng	94
49)	Acenaphthylene	9.722	152	580540	41.656	ng	99
50)	Dimethylphthalate	9.587	163	468138	41.877	ng	99
51)	2,6-Dinitrotoluene	9.651	165	102086	42.185	ng	96
52)	Acenaphthene	9.892	154	341908	40.650	ng	100
53)	3-Nitroaniline	9.822	138	72837	29.539	ng	99
54)	2,4-Dinitrophenol	9.934	184	118930	85.399	ng	97
55)	Dibenzofuran	10.069	168	537107	41.447	ng	100
56)	4-Nitrophenol	9.998	139	138313	80.073	ng	90
57)	2,4-Dinitrotoluene	10.057	165	140523	42.460	ng	91
58)	Fluorene	10.410	166	430924	40.733	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.186	232	124408m	42.204	ng	
60)	Diethylphthalate	10.286	149	453266	42.128	ng	99
61)	4-Chlorophenyl-phenyle...	10.404	204	235311	42.787	ng	94
62)	4-Nitroaniline	10.445	138	100303	39.032	ng	96
63)	Azobenzene	10.563	77	598340	50.109	ng	97
65)	4,6-Dinitro-2-methylph...	10.469	198	79844	40.033	ng	93
66)	n-Nitrosodiphenylamine	10.522	169	371782	41.606	ng	99
67)	4-Bromophenyl-phenylether	10.892	248	142100	41.854	ng	95
68)	Hexachlorobenzene	10.957	284	158491	42.495	ng	92
69)	Atrazine	11.057	200	132795	45.141	ng	98
70)	Pentachlorophenol	11.157	266	151360	82.015	ng	97
71)	Phenanthrene	11.381	178	639106	39.674	ng	100
72)	Anthracene	11.428	178	650662	41.290	ng	99
73)	Carbazole	11.586	167	565040	40.616	ng	98
74)	Di-n-butylphthalate	11.916	149	696093	41.397	ng	99
75)	Fluoranthene	12.569	202	699463	37.278	ng	99
77)	Benzidine	12.698	184	316104	130.464	ng	99
78)	Pyrene	12.804	202	702802	56.872	ng	99
80)	Butylbenzylphthalate	13.422	149	258927	56.490	ng	94
81)	Benzo(a)anthracene	13.998	228	445890	41.771	ng	98
82)	3,3'-Dichlorobenzidine	13.957	252	104633	33.913	ng	100
83)	Chrysene	14.033	228	400523	39.928	ng	100
84)	Bis(2-ethylhexyl)phtha...	13.980	149	315237	56.485	ng	100
85)	Di-n-octyl phthalate	14.598	149	389061	51.786	ng	100
87)	Indeno(1,2,3-cd)pyrene	16.962	276	471050	53.909	ng	99
88)	Benzo(b)fluoranthene	15.051	252	361242	35.820	ng	99
89)	Benzo(k)fluoranthene	15.080	252	344231	35.328	ng	99
90)	Benzo(a)pyrene	15.416	252	334336	42.821	ng	97
91)	Dibenzo(a,h)anthracene	16.974	278	388167	54.234	ng	99
92)	Benzo(g,h,i)perylene	17.410	276	388918	46.166	ng	95

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

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