Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042510.D
Acq On : 31 Oct 2023 14:40
Operator : MA/JU
Sample : PB156527BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 01 01:27:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB156527BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	100791	20.000	ng		0.00
21) Naphthalene-d8	10.745	136	409911	20.000	ng		0.00
39) Acenaphthene-d10	14.574	164	229463	20.000	ng		0.00
64) Phenanthrene-d10	17.327	188	425718	20.000	ng		0.00
76) Chrysene-d12	21.503	240	309761	20.000	ng		0.00
86) Perylene-d12	23.921	264	281319	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1006821	161.214	ng		0.00
7) Phenol-d6	7.098	99	1284464	149.964	ng		0.00
23) Nitrobenzene-d5	9.128	82	869741	98.910	ng		0.00
42) 2,4,6-Tribromophenol	16.074	330	472411	157.689	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	1779390	104.346	ng		0.00
79) Terphenyl-d14	19.939	244	2221183	121.586	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	102927	34.582	ng		97
3) Pyridine	3.751	79	266552	31.220	ng		99
4) n-Nitrosodimethylamine	3.669	42	197091	47.968	ng		91
6) Aniline	7.269	93	364785	33.505	ng		98
8) 2-Chlorophenol	7.487	128	345478	51.303	ng		97
9) Benzaldehyde	7.087	77	41559	8.419	ng		93
10) Phenol	7.122	94	449116	51.629	ng		95
11) bis(2-Chloroethyl)ether	7.369	93	350960	47.691	ng		100
12) 1,3-Dichlorobenzene	7.804	146	358581	49.270	ng		97
13) 1,4-Dichlorobenzene	7.963	146	369702	50.192	ng		97
14) 1,2-Dichlorobenzene	8.269	146	358181	50.368	ng		99
15) Benzyl Alcohol	8.192	79	330370	54.483	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	551508m	47.093	ng		
17) 2-Methylphenol	8.381	107	291753	47.367	ng		99
18) Hexachloroethane	8.986	117	148365	51.479	ng		94
19) n-Nitroso-di-n-propyla...	8.751	70	294827	48.659	ng		98
20) 3+4-Methylphenols	8.716	107	388567	47.186	ng		95
22) Acetophenone	8.781	105	528842	51.154	ng	#	99
24) Nitrobenzene	9.169	77	436227	50.367	ng		99
25) Isophorone	9.686	82	760807	48.883	ng		99
26) 2-Nitrophenol	9.869	139	182676	49.482	ng		97
27) 2,4-Dimethylphenol	9.916	122	275840	46.328	ng		99
28) bis(2-Chloroethoxy)met...	10.169	93	468053	49.917	ng		98
29) 2,4-Dichlorophenol	10.392	162	324271	55.042	ng		99
30) 1,2,4-Trichlorobenzene	10.592	180	347346	53.799	ng		98
31) Naphthalene	10.792	128	1039057	49.063	ng		100
32) Benzoic acid	10.086	122	221101	45.857	ng		92
33) 4-Chloroaniline	10.939	127	143502	17.378	ng		98
34) Hexachlorobutadiene	11.016	225	218694	55.789	ng		100
35) Caprolactam	11.792	113	88934	42.965	ng		99
36) 4-Chloro-3-methylphenol	12.045	107	335358	50.018	ng		99
37) 2-Methylnaphthalene	12.398	142	697124	46.740	ng		99
38) 1-Methylnaphthalene	12.621	142	674076	48.015	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	391160	57.061	ng		99
41) Hexachlorocyclopentadiene	12.692	237	510746	120.906	ng		99
43) 2,4,6-Trichlorophenol	13.010	196	250203	56.985	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	271828	52.026	ng	97
46) 1,1'-Biphenyl	13.410	154	926904	52.844	ng	99
47) 2-Chloronaphthalene	13.457	162	693816	53.919	ng	100
48) 2-Nitroaniline	13.698	65	229356	44.536	ng	99
49) Acenaphthylene	14.304	152	1138834	53.438	ng	99
50) Dimethylphthalate	14.045	163	836229	48.759	ng	99
51) 2,6-Dinitrotoluene	14.192	165	175757	49.725	ng	96
52) Acenaphthene	14.639	154	641089	49.567	ng	100
53) 3-Nitroaniline	14.533	138	107793	29.081	ng	97
54) 2,4-Dinitrophenol	14.733	184	232999	91.648	ng	98
55) Dibenzofuran	14.974	168	1043238	49.610	ng	99
56) 4-Nitrophenol	14.827	139	267960	83.130	ng	90
57) 2,4-Dinitrotoluene	14.968	165	235523	44.305	ng	96
58) Fluorene	15.621	166	843074	49.550	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	228548	51.933	ng	98
60) Diethylphthalate	15.392	149	821209	47.264	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	441979	51.418	ng	96
62) 4-Nitroaniline	15.698	138	137527	39.940	ng	94
63) Azobenzene	15.910	77	940685	49.130	ng	98
65) 4,6-Dinitro-2-methylph...	15.715	198	134777	49.095	ng	97
66) n-Nitrosodiphenylamine	15.839	169	681659	56.787	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	251367	59.049	ng	98
68) Hexachlorobenzene	16.592	284	287880	61.129	ng	98
69) Atrazine	16.792	200	225701	65.072	ng	99
70) Pentachlorophenol	16.957	266	387299	111.864	ng	98
71) Phenanthrene	17.368	178	1179281	53.007	ng	100
72) Anthracene	17.462	178	1176287	53.380	ng	100
73) Carbazole	17.751	167	951130	53.057	ng	100
74) Di-n-butylphthalate	18.268	149	1334951	53.028	ng	99
75) Fluoranthene	19.380	202	1243570	47.585	ng	99
77) Benzidine	19.598	184	330542	111.244	ng	99
78) Pyrene	19.745	202	1287340	60.523	ng	100
80) Butylbenzylphthalate	20.627	149	520022	57.242	ng	99
81) Benzo(a)anthracene	21.492	228	1043030	52.923	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	333650	53.267	ng	99
83) Chrysene	21.544	228	1003824	50.141	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	750421	54.657	ng	99
85) Di-n-octyl phthalate	22.303	149	1207696	51.104	ng	100
87) Indeno(1,2,3-cd)pyrene	26.450	276	974142	58.181	ng	96
88) Benzo(b)fluoranthene	23.180	252	902019	57.553	ng	99
89) Benzo(k)fluoranthene	23.227	252	882549	50.534	ng	99
90) Benzo(a)pyrene	23.815	252	766758	49.692	ng	99
91) Dibenzo(a,h)anthracene	26.468	278	799331	51.393	ng	97
92) Benzo(g,h,i)perylene	27.244	276	833873	56.507	ng	99

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

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