Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042457.D
Acq On : 26 Oct 2023 17:51
Operator : MA/JU
Sample : PB156649BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB156649BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

Quant Time: Oct 26 18:40:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.998	152	136722	20.000	ng		0.00
21) Naphthalene-d8	10.822	136	548039	20.000	ng		0.00
39) Acenaphthene-d10	14.645	164	302641	20.000	ng		0.00
64) Phenanthrene-d10	17.392	188	579498	20.000	ng		0.00
76) Chrysene-d12	21.574	240	418902	20.000	ng		0.00
86) Perylene-d12	24.033	264	415979	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1305574	134.959	ng		0.00
7) Phenol-d6	7.157	99	1665044	128.435	ng		0.00
23) Nitrobenzene-d5	9.198	82	1113947	89.881	ng		0.00
42) 2,4,6-Tribromophenol	16.139	330	575988	169.324	ng		0.00
45) 2-Fluorobiphenyl	13.269	172	2201444	97.954	ng		0.00
79) Terphenyl-d14	20.004	244	2845807	120.482	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	155812	34.205	ng		98
3) Pyridine	3.810	79	390954	29.253	ng		97
4) n-Nitrosodimethylamine	3.740	42	252892	37.478	ng		91
6) Aniline	7.340	93	492114	29.814	ng		97
8) 2-Chlorophenol	7.551	128	473158	49.292	ng		95
9) Benzaldehyde	7.157	77	74773	9.903	ng		97
10) Phenol	7.181	94	597349	44.592	ng		99
11) bis(2-Chloroethyl)ether	7.434	93	478616	43.518	ng		98
12) 1,3-Dichlorobenzene	7.881	146	494668	49.822	ng		97
13) 1,4-Dichlorobenzene	8.034	146	508141	50.843	ng		98
14) 1,2-Dichlorobenzene	8.345	146	487771	50.827	ng		98
15) Benzyl Alcohol	8.257	79	442531	46.048	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.528	45	756011	43.443	ng		99
17) 2-Methylphenol	8.440	107	389771	44.093	ng		97
18) Hexachloroethane	9.063	117	199744	51.915	ng	#	90
19) n-Nitroso-di-n-propyla...	8.816	70	394230	44.866	ng		97
20) 3+4-Methylphenols	8.775	107	524891	44.270	ng		98
22) Acetophenone	8.851	105	710468	47.519	ng	#	96
24) Nitrobenzene	9.245	77	573927	46.288	ng		95
25) Isophorone	9.751	82	1027197	48.770	ng		98
26) 2-Nitrophenol	9.945	139	252660	52.666	ng		94
27) 2,4-Dimethylphenol	9.981	122	391913	45.874	ng		98
28) bis(2-Chloroethoxy)met...	10.239	93	629077	47.143	ng		99
29) 2,4-Dichlorophenol	10.463	162	430200	57.904	ng		97
30) 1,2,4-Trichlorobenzene	10.669	180	461826	57.984	ng		99
31) Naphthalene	10.875	128	1411849	50.155	ng		100
32) Benzoic acid	10.128	122	334175	52.872	ng		100
33) 4-Chloroaniline	11.010	127	202378	16.559	ng		98
34) Hexachlorobutadiene	11.098	225	280415	65.062	ng		99
35) Caprolactam	11.839	113	134592	45.929	ng		92
36) 4-Chloro-3-methylphenol	12.104	107	454385	50.681	ng		98
37) 2-Methylnaphthalene	12.475	142	924351	48.780	ng		98
38) 1-Methylnaphthalene	12.692	142	896850	50.521	ng		100
40) 1,2,4,5-Tetrachloroben...	12.822	216	509940	58.284	ng		98
41) Hexachlorocyclopentadiene	12.769	237	512312	106.394	ng		98
43) 2,4,6-Trichlorophenol	13.075	196	332035	58.624	ng		99

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	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.145	196	356704	53.277 ng		93
46)	1,1'-Biphenyl	13.480	154	1215581	50.631 ng		98
47)	2-Chloronaphthalene	13.527	162	917080	52.065 ng		99
48)	2-Nitroaniline	13.763	65	316061	41.174 ng		90
49)	Acenaphthylene	14.374	152	1500321	52.760 ng		99
50)	Dimethylphthalate	14.110	163	1100281	49.565 ng		99
51)	2,6-Dinitrotoluene	14.251	165	243758	48.594 ng		84
52)	Acenaphthene	14.710	154	852297	49.575 ng		99
53)	3-Nitroaniline	14.586	138	171256	30.120 ng		99
54)	2,4-Dinitrophenol	14.798	184	315472	99.401 ng		89
55)	Dibenzofuran	15.045	168	1355544	49.851 ng		98
56)	4-Nitrophenol	14.880	139	427044	94.454 ng		92
57)	2,4-Dinitrotoluene	15.033	165	315872	47.193 ng		85
58)	Fluorene	15.692	166	1075752	50.135 ng		99
59)	2,3,4,6-Tetrachlorophenol	15.257	232	302611	60.165 ng		89
60)	Diethylphthalate	15.451	149	1072272	48.948 ng		97
61)	4-Chlorophenyl-phenyle...	15.680	204	552428	54.668 ng		92
62)	4-Nitroaniline	15.751	138	231455	41.172 ng		96
63)	Azobenzene	15.974	77	1195207	45.475 ng		95
65)	4,6-Dinitro-2-methylph...	15.780	198	183678	49.416 ng		85
66)	n-Nitrosodiphenylamine	15.904	169	919642	52.688 ng		97
67)	4-Bromophenyl-phenylether	16.574	248	331378	61.699 ng		94
68)	Hexachlorobenzene	16.663	284	376299	65.546 ng	#	90
69)	Atrazine	16.851	200	311248	70.318 ng		99
70)	Pentachlorophenol	17.021	266	508452	104.137 ng		99
71)	Phenanthrene	17.439	178	1610184	51.077 ng		99
72)	Anthracene	17.527	178	1619367	51.867 ng		99
73)	Carbazole	17.815	167	1442397	49.246 ng		98
74)	Di-n-butylphthalate	18.333	149	1808622	48.719 ng		100
75)	Fluoranthene	19.445	202	1758633	50.652 ng		98
77)	Benzidine	19.656	184	677032	111.738 ng		99
78)	Pyrene	19.815	202	1801988	61.559 ng		99
80)	Butylbenzylphthalate	20.686	149	748674	55.850 ng		95
81)	Benzo(a)anthracene	21.556	228	1485587	52.901 ng		100
82)	3,3'-Dichlorobenzidine	21.498	252	507328	60.518 ng	#	98
83)	Chrysene	21.609	228	1357040	50.313 ng		100
84)	Bis(2-ethylhexyl)phtha...	21.433	149	1044320	54.845 ng	#	96
85)	Di-n-octyl phthalate	22.374	149	1658472	50.747 ng		96
87)	Indeno(1,2,3-cd)pyrene	26.621	276	1562452	51.397 ng		94
88)	Benzo(b)fluoranthene	23.274	252	1327703	53.026 ng		98
89)	Benzo(k)fluoranthene	23.327	252	1259382m	48.446 ng		
90)	Benzo(a)pyrene	23.927	252	1162559	48.239 ng		97
91)	Dibenzo(a,h)anthracene	26.638	278	1297203	51.324 ng		97
92)	Benzo(g,h,i)perylene	27.438	276	1276621	52.009 ng		94

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

Quantitation Report (QT Reviewed)

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