Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
Data File : BM042446.D
Acq On : 25 Oct 2023 20:17
Operator : MA/JU
Sample : 04905-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 26 00:48:42 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	7.993	152	136733	20.000	ng		0.00
21) Naphthalene-d8	10.816	136	545142	20.000	ng		0.00
39) Acenaphthene-d10	14.639	164	314402	20.000	ng		0.00
64) Phenanthrene-d10	17.386	188	673944	20.000	ng		-0.01
76) Chrysene-d12	21.568	240	653201	20.000	ng		-0.01
86) Perylene-d12	24.027	264	708134	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1094126	113.092	ng		0.00
7) Phenol-d6	7.146	99	1413000	108.984	ng		0.00
23) Nitrobenzene-d5	9.192	82	937322	76.032	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	507864	145.111	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	1829607	78.364	ng		-0.01
79) Terphenyl-d14	19.998	244	2817675	76.502	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	163069	35.795	ng		97
3) Pyridine	3.805	79	421704	31.551	ng		97
4) n-Nitrosodimethylamine	3.734	42	240738	35.674	ng		92
6) Aniline	7.334	93	486557	29.475	ng		97
8) 2-Chlorophenol	7.545	128	446716	46.533	ng		95
9) Benzaldehyde	7.151	77	165170	21.873	ng		95
10) Phenol	7.175	94	577382	43.098	ng		99
11) bis(2-Chloroethyl)ether	7.428	93	453820	41.260	ng		97
12) 1,3-Dichlorobenzene	7.869	146	477035	48.042	ng		98
13) 1,4-Dichlorobenzene	8.028	146	490761	49.100	ng		97
14) 1,2-Dichlorobenzene	8.340	146	469606	48.930	ng		99
15) Benzyl Alcohol	8.251	79	423707	44.086	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	714644m	41.062	ng		
17) 2-Methylphenol	8.434	107	377416	42.692	ng		99
18) Hexachloroethane	9.057	117	186539	48.479	ng	#	90
19) n-Nitroso-di-n-propyla...	8.810	70	375046	42.680	ng		96
20) 3+4-Methylphenols	8.769	107	505116	42.599	ng		97
22) Acetophenone	8.840	105	674408	45.347	ng	#	97
24) Nitrobenzene	9.234	77	543789	44.090	ng		97
25) Isophorone	9.745	82	978304	46.696	ng		98
26) 2-Nitrophenol	9.934	139	238246	50.066	ng		95
27) 2,4-Dimethylphenol	9.975	122	376330	44.284	ng		95
28) bis(2-Chloroethoxy)met...	10.228	93	598232	45.069	ng		98
29) 2,4-Dichlorophenol	10.457	162	412454	55.811	ng		97
30) 1,2,4-Trichlorobenzene	10.663	180	444866	56.151	ng		99
31) Naphthalene	10.869	128	1358115	48.503	ng		100
32) Benzoic acid	10.116	122	330552	52.607	ng		96
33) 4-Chloroaniline	10.998	127	267687	22.019	ng		99
34) Hexachlorobutadiene	11.092	225	267966	62.504	ng		98
35) Caprolactam	11.828	113	137957	47.147	ng		90
36) 4-Chloro-3-methylphenol	12.098	107	451263	50.600	ng		97
37) 2-Methylnaphthalene	12.469	142	907916	48.167	ng		98
38) 1-Methylnaphthalene	12.686	142	881334	49.911	ng		98
40) 1,2,4,5-Tetrachloroben...	12.816	216	494352	54.389	ng		97
41) Hexachlorocyclopentadiene	12.763	237	332669	68.218	ng		98
43) 2,4,6-Trichlorophenol	13.069	196	325773	55.367	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	352138	50.628	ng		94
46) 1,1'-Biphenyl	13.475	154	1194534	47.893	ng		98
47) 2-Chloronaphthalene	13.522	162	899296	49.146	ng		100
48) 2-Nitroaniline	13.757	65	322872	40.549	ng		91
49) Acenaphthylene	14.369	152	1496677	50.663	ng		100
50) Dimethylphthalate	14.104	163	1099929	47.695	ng		99
51) 2,6-Dinitrotoluene	14.245	165	238168	45.875	ng		86
52) Acenaphthene	14.704	154	853328	47.778	ng		99
53) 3-Nitroaniline	14.580	138	186380	31.398	ng		98
54) 2,4-Dinitrophenol	14.786	184	199325	63.656	ng		89
55) Dibenzofuran	15.033	168	1378561	48.801	ng		97
56) 4-Nitrophenol	14.874	139	460948	98.139	ng		92
57) 2,4-Dinitrotoluene	15.027	165	326032	46.915	ng		86
58) Fluorene	15.686	166	1104084	49.530	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	312809	59.866	ng		89
60) Diethylphthalate	15.445	149	1103613	48.494	ng		98
61) 4-Chlorophenyl-phenyle...	15.674	204	559205	53.269	ng		92
62) 4-Nitroaniline	15.745	138	238739	40.906	ng		94
63) Azobenzene	15.968	77	1216777	44.564	ng		94
65) 4,6-Dinitro-2-methylph...	15.774	198	134803	33.430	ng		83
66) n-Nitrosodiphenylamine	15.898	169	945010	46.554	ng		98
67) 4-Bromophenyl-phenylether	16.568	248	317451	50.823	ng		96
68) Hexachlorobenzene	16.651	284	387954	58.106	ng		94
69) Atrazine	16.845	200	347271	67.462	ng		98
70) Pentachlorophenol	17.015	266	563537	99.526	ng		98
71) Phenanthrene	17.433	178	1744555	47.584	ng		100
72) Anthracene	17.521	178	1777007	48.940	ng		100
73) Carbazole	17.810	167	1653398	48.539	ng		99
74) Di-n-butylphthalate	18.327	149	2053172	47.623	ng		99
75) Fluoranthene	19.439	202	2150727	53.264	ng		98
77) Benzidine	19.651	184	1482766	156.939	ng		100
78) Pyrene	19.809	202	2243756	49.156	ng		99
80) Butylbenzylphthalate	20.686	149	1000494	48.330	ng		91
81) Benzo(a)anthracene	21.550	228	2158609	49.295	ng		99
82) 3,3'-Dichlorobenzidine	21.492	252	765382	58.551	ng	#	97
83) Chrysene	21.609	228	1950167	46.369	ng		100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1469713	49.828	ng	#	96
85) Di-n-octyl phthalate	22.374	149	2549796	50.094	ng		95
87) Indeno(1,2,3-cd)pyrene	26.615	276	2325359	44.934	ng	#	93
88) Benzo(b)fluoranthene	23.268	252	2069632	48.555	ng		98
89) Benzo(k)fluoranthene	23.321	252	1983889m	44.830	ng		
90) Benzo(a)pyrene	23.921	252	1816274	44.271	ng		98
91) Dibenzo(a,h)anthracene	26.632	278	1942549	45.148	ng	#	96
92) Benzo(g,h,i)perylene	27.427	276	1842471	44.094	ng	#	92

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

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