Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035291.D
Acq On : 27 May 2022 16:12
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 27 17:50:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 16:44:39 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ICVBM052722

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	110768	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	422588	20.000	ng	#	0.00
39) Acenaphthene-d10	14.516	164	262869	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	522646	20.000	ng	#	0.00
76) Chrysene-d12	21.439	240	513561	20.000	ng	#	0.00
86) Perylene-d12	23.803	264	516335	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	457969	76.338	ng		0.00
7) Phenol-d6	7.051	99	605960	78.005	ng		0.00
23) Nitrobenzene-d5	9.039	82	579496	75.488	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	318565	93.416	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	1614539	85.174	ng		0.00
79) Terphenyl-d14	19.880	244	2202479	75.995	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	81958	34.883	ng		88
3) Pyridine	3.757	79	222645	36.424	ng		88
4) n-Nitrosodimethylamine	3.669	42	97505	32.751	ng	#	80
6) Aniline	7.204	93	319309	38.688	ng		96
8) 2-Chlorophenol	7.445	128	266066	39.412	ng		90
9) Benzaldehyde	7.016	77	144844	35.963	ng		89
10) Phenol	7.075	94	291815	38.546	ng		98
11) bis(2-Chloroethyl)ether	7.304	93	223254	37.727	ng		90
12) 1,3-Dichlorobenzene	7.763	146	313401	40.165	ng		96
13) 1,4-Dichlorobenzene	7.910	146	317754	39.873	ng		98
14) 1,2-Dichlorobenzene	8.228	146	310229	40.110	ng		99
15) Benzyl Alcohol	8.122	79	214915	38.897	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.404	45	253722	31.901	ng		91
17) 2-Methylphenol	8.328	107	209827	39.529	ng		97
18) Hexachloroethane	8.957	117	104061	38.120	ng	#	84
19) n-Nitroso-di-n-propyla...	8.692	70	177873	37.127	ng	#	87
20) 3+4-Methylphenols	8.657	107	289953	39.906	ng		96
22) Acetophenone	8.704	105	394180	39.197	ng	#	92
24) Nitrobenzene	9.081	77	262868	37.126	ng		94
25) Isophorone	9.610	82	440244	37.890	ng		95
26) 2-Nitrophenol	9.792	139	154965	42.417	ng		89
27) 2,4-Dimethylphenol	9.857	122	207030	40.459	ng		98
28) bis(2-Chloroethoxy)met...	10.092	93	302809	38.539	ng		99
29) 2,4-Dichlorophenol	10.333	162	276758	42.945	ng		96
30) 1,2,4-Trichlorobenzene	10.539	180	325351	42.289	ng		96
31) Naphthalene	10.728	128	823033	39.970	ng		99
32) Benzoic acid	10.028	122	183978	40.361	ng		93
33) 4-Chloroaniline	10.839	127	329986	40.459	ng		96
34) Hexachlorobutadiene	11.016	225	219158	43.535	ng		99
35) Caprolactam	11.639	113	69435	39.265	ng	#	73
36) 4-Chloro-3-methylphenol	11.969	107	253912	39.658	ng		99
37) 2-Methylnaphthalene	12.339	142	586312	40.381	ng		98
38) 1-Methylnaphthalene	12.557	142	571700	40.279	ng		100
40) 1,2,4,5-Tetrachloroben...	12.710	216	385604	45.807	ng	#	96
41) Hexachlorocyclopentadiene	12.692	237	201459	42.133	ng		100
43) 2,4,6-Trichlorophenol	12.951	196	246741	44.979	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	259706	44.507	ng	#	91
46) 1,1'-Biphenyl	13.351	154	803673	41.494	ng		98
47) 2-Chloronaphthalene	13.392	162	630451	41.981	ng		98
48) 2-Nitroaniline	13.598	65	143487	38.292	ng	#	85
49) Acenaphthylene	14.233	152	924096	41.270	ng		99
50) Dimethylphthalate	13.980	163	746530	40.046	ng	#	98
51) 2,6-Dinitrotoluene	14.092	165	160923	42.051	ng	#	79
52) Acenaphthene	14.580	154	557261	40.866	ng		98
53) 3-Nitroaniline	14.421	138	152217	40.149	ng		91
54) 2,4-Dinitrophenol	14.633	184	104379	42.703	ng	#	77
55) Dibenzofuran	14.910	168	934956	40.710	ng		95
56) 4-Nitrophenol	14.739	139	120310	41.161	ng	#	82
57) 2,4-Dinitrotoluene	14.880	165	213415	41.575	ng	#	84
58) Fluorene	15.563	166	721667	40.303	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	228695	44.281	ng	#	83
60) Diethylphthalate	15.339	149	701953	38.539	ng		96
61) 4-Chlorophenyl-phenyle...	15.557	204	413059	42.369	ng		89
62) 4-Nitroaniline	15.586	138	154295	40.294	ng		91
63) Azobenzene	15.851	77	545191	35.380	ng		89
65) 4,6-Dinitro-2-methylph...	15.645	198	147756	45.076	ng		82
66) n-Nitrosodiphenylamine	15.768	169	626770	41.638	ng		99
67) 4-Bromophenyl-phenylether	16.451	248	260977	44.658	ng	#	87
68) Hexachlorobenzene	16.568	284	292731	44.967	ng	#	86
69) Atrazine	16.727	200	209122	41.739	ng		95
70) Pentachlorophenol	16.915	266	174761	46.479	ng		98
71) Phenanthrene	17.298	178	1097116	40.857	ng		99
72) Anthracene	17.392	178	1071122	40.864	ng		99
73) Carbazole	17.662	167	993650	39.861	ng		97
74) Di-n-butylphthalate	18.233	149	1094298	37.835	ng		99
75) Fluoranthene	19.315	202	1237678	39.352	ng		97
77) Benzidine	19.498	184	347003	33.356	ng		100
78) Pyrene	19.674	202	1277940	37.929	ng		99
80) Butylbenzylphthalate	20.574	149	461531	35.814	ng	#	88
81) Benzo(a)anthracene	21.421	228	1278732	39.374	ng		98
82) 3,3'-Dichlorobenzidine	21.356	252	316913	39.414	ng	#	98
83) Chrysene	21.474	228	1216528	39.683	ng		98
84) Bis(2-ethylhexyl)phtha...	21.356	149	661071	36.283	ng	#	96
85) Di-n-octyl phthalate	22.268	149	1088635	36.015	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.262	276	1504256	42.760	ng	#	94
88) Benzo(b)fluoranthene	23.086	252	1212522	38.924	ng		98
89) Benzo(k)fluoranthene	23.133	252	1228520m	39.917	ng		
90) Benzo(a)pyrene	23.697	252	1024680	39.687	ng	#	97
91) Dibenzo(a,h)anthracene	26.268	278	1252843	42.873	ng	#	97
92) Benzo(g,h,i)perylene	27.009	276	1214214	41.661	ng	#	94

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

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