Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111222\
Data File : BM037490.D
Acq On : 12 Nov 2022 13:25
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 00:35:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 00:33:11 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.798	152	151684	20.000	ng		0.00
21) Naphthalene-d8	10.598	136	694296	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	473264	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1025721	20.000	ng		0.00
76) Chrysene-d12	21.374	240	1180047	20.000	ng		0.00
86) Perylene-d12	23.715	264	1284050	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	167275	19.052	ng		0.00
7) Phenol-d6	6.981	99	236818	19.874	ng		0.00
23) Nitrobenzene-d5	8.969	82	267821	19.462	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	126158	22.620	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	672190	18.872	ng		0.00
79) Terphenyl-d14	19.815	244	1180975	17.947	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	35306	9.820	ng		95
3) Pyridine	3.663	79	106355	9.930	ng		97
4) n-Nitrosodimethylamine	3.575	42	49045	10.476	ng	#	94
6) Aniline	7.134	93	148325	10.182	ng		99
8) 2-Chlorophenol	7.363	128	110520	10.343	ng		99
9) Benzaldehyde	6.951	77	68211m	11.309	ng		
10) Phenol	7.004	94	133143	9.972	ng		98
11) bis(2-Chloroethyl)ether	7.234	93	111496	10.415	ng		99
12) 1,3-Dichlorobenzene	7.687	146	121008	10.363	ng		97
13) 1,4-Dichlorobenzene	7.834	146	125887	10.451	ng		99
14) 1,2-Dichlorobenzene	8.151	146	123370	10.665	ng		98
15) Benzyl Alcohol	8.057	79	83245	9.771	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.328	45	165494	10.844	ng		98
17) 2-Methylphenol	8.257	107	93391	10.703	ng		99
18) Hexachloroethane	8.869	117	47495	11.181	ng		96
19) n-Nitroso-di-n-propyla...	8.616	70	95264	11.623	ng		98
20) 3+4-Methylphenols	8.592	107	129667	10.819	ng		97
22) Acetophenone	8.634	105	179480	9.946	ng	#	99
24) Nitrobenzene	9.010	77	136311	9.770	ng		98
25) Isophorone	9.539	82	244827	10.645	ng		99
26) 2-Nitrophenol	9.722	139	59311	9.496	ng		94
27) 2,4-Dimethylphenol	9.787	122	89952	9.704	ng		99
28) bis(2-Chloroethoxy)met...	10.028	93	143673	10.040	ng		98
29) 2,4-Dichlorophenol	10.263	162	105853	9.948	ng		98
30) 1,2,4-Trichlorobenzene	10.463	180	120478	9.985	ng		98
31) Naphthalene	10.651	128	397287	10.100	ng		99
32) Benzoic acid	9.892	122	56093	7.459	ng		99
33) 4-Chloroaniline	10.781	127	151337	9.659	ng		98
34) Hexachlorobutadiene	10.928	225	70600	10.478	ng		97
35) Caprolactam	11.575	113	36383	11.247	ng		95
36) 4-Chloro-3-methylphenol	11.910	107	119445	10.893	ng		97
37) 2-Methylnaphthalene	12.263	142	275026	10.319	ng		99
38) 1-Methylnaphthalene	12.486	142	274483	10.540	ng		100
40) 1,2,4,5-Tetrachloroben...	12.633	216	130801	9.192	ng		100
41) Hexachlorocyclopentadiene	12.604	237	41790	6.164	ng		100
43) 2,4,6-Trichlorophenol	12.886	196	93951	9.591	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	100978	9.345	ng	98
46) 1,1'-Biphenyl	13.280	154	360836	9.448	ng	98
47) 2-Chloronaphthalene	13.322	162	291916	9.605	ng	99
48) 2-Nitroaniline	13.545	65	84235	9.591	ng	99
49) Acenaphthylene	14.169	152	465979	9.877	ng	99
50) Dimethylphthalate	13.910	163	371939	10.289	ng	99
51) 2,6-Dinitrotoluene	14.039	165	77118	10.074	ng	96
52) Acenaphthene	14.510	154	281537	9.653	ng	99
53) 3-Nitroaniline	14.374	138	76599	8.957	ng	96
54) 2,4-Dinitrophenol	14.586	184	32754	7.693	ng	94
55) Dibenzofuran	14.845	168	460992	10.262	ng	100
56) 4-Nitrophenol	14.698	139	51672	7.574	ng	95
57) 2,4-Dinitrotoluene	14.827	165	103696	10.294	ng	93
58) Fluorene	15.492	166	377670	10.072	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.074	232	95432	10.537	ng	97
60) Diethylphthalate	15.274	149	381611	10.862	ng	98
61) 4-Chlorophenyl-phenyle...	15.492	204	177220	10.215	ng	99
62) 4-Nitroaniline	15.533	138	62252	7.258	ng	99
63) Azobenzene	15.780	77	361051	10.431	ng	98
65) 4,6-Dinitro-2-methylph...	15.586	198	53480	8.115	ng	87
66) n-Nitrosodiphenylamine	15.710	169	320623	9.248	ng	98
67) 4-Bromophenyl-phenylether	16.386	248	111011	9.644	ng	97
68) Hexachlorobenzene	16.492	284	138940	9.974	ng	99
69) Atrazine	16.663	200	86591	9.926	ng	97
70) Pentachlorophenol	16.845	266	74632	9.207	ng	97
71) Phenanthrene	17.233	178	617947	9.711	ng	100
72) Anthracene	17.327	178	573572	9.521	ng	100
73) Carbazole	17.604	167	532075	9.628	ng	99
74) Di-n-butylphthalate	18.162	149	741226	12.147	ng	99
75) Fluoranthene	19.251	202	711622	10.579	ng	100
77) Benzidine	19.456	184	163172m	9.273	ng	
78) Pyrene	19.615	202	751872	8.286	ng	99
80) Butylbenzylphthalate	20.515	149	312513	9.644	ng	99
81) Benzo(a)anthracene	21.362	228	817535	9.731	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	253843	10.288	ng	97
83) Chrysene	21.415	228	805471	9.951	ng	98
84) Bis(2-ethylhexyl)phtha...	21.286	149	462826	10.641	ng	96
85) Di-n-octyl phthalate	22.192	149	805824	11.764	ng	98
87) Indeno(1,2,3-cd)pyrene	26.121	276	992161	9.437	ng	100
88) Benzo(b)fluoranthene	23.003	252	834815	9.365	ng	99
89) Benzo(k)fluoranthene	23.050	252	831662	9.146	ng	98
90) Benzo(a)pyrene	23.609	252	679492	9.355	ng	99
91) Dibenzo(a,h)anthracene	26.138	278	806019	9.232	ng	99
92) Benzo(g,h,i)perylene	26.862	276	832519	9.797	ng	98

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

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