Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041723\
Data File : BM039441.D
Acq On : 17 Apr 2023 15:25
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 18 03:00:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 02:48:55 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	217103	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	999416	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	656718	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1430688	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1404307	20.000	ng		0.00
86) Perylene-d12	23.821	264	1552080	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	139395	10.490	ng		0.00
7) Phenol-d6	7.034	99	193678	9.918	ng		0.00
23) Nitrobenzene-d5	9.016	82	201083	9.853	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	83518	9.800	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	499711	10.528	ng		0.00
79) Terphenyl-d14	19.874	244	804929	10.340	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	32640	5.946	ng		95
3) Pyridine	3.681	79	80590	4.986	ng		96
4) n-Nitrosodimethylamine	3.593	42	33814	5.132	ng	#	92
6) Aniline	7.175	93	120569	4.894	ng		98
8) 2-Chlorophenol	7.410	128	77915	5.170	ng		98
9) Benzaldehyde	6.987	77	58619m	5.823	ng		
10) Phenol	7.063	94	92564	4.832	ng		98
11) bis(2-Chloroethyl)ether	7.269	93	81071	4.934	ng		98
12) 1,3-Dichlorobenzene	7.728	146	85648	5.454	ng		98
13) 1,4-Dichlorobenzene	7.875	146	85060	5.403	ng		99
14) 1,2-Dichlorobenzene	8.193	146	85867	5.492	ng		99
15) Benzyl Alcohol	8.105	79	70351	4.942	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.381	45	126258	5.448	ng		96
17) 2-Methylphenol	8.310	107	70635	4.994	ng		98
18) Hexachloroethane	8.916	117	33949	5.424	ng		99
19) n-Nitroso-di-n-propyla...	8.657	70	76238	5.159	ng		100
20) 3+4-Methylphenols	8.652	107	90726	4.666	ng		96
22) Acetophenone	8.675	105	133351	5.035	ng	#	97
24) Nitrobenzene	9.057	77	97686	4.860	ng		98
25) Isophorone	9.581	82	212475	5.027	ng		100
26) 2-Nitrophenol	9.775	139	40544	4.470	ng		97
27) 2,4-Dimethylphenol	9.846	122	74737	4.768	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	117830	4.904	ng		100
29) 2,4-Dichlorophenol	10.322	162	69242	4.562	ng		96
30) 1,2,4-Trichlorobenzene	10.516	180	83366	5.189	ng		97
31) Naphthalene	10.698	128	281181	5.207	ng		99
33) 4-Chloroaniline	10.834	127	101661	4.456	ng		99
34) Hexachlorobutadiene	10.981	225	49429	5.181	ng		97
35) Caprolactam	11.610	113	28416	4.693	ng		96
36) 4-Chloro-3-methylphenol	11.975	107	86991	4.709	ng		95
37) 2-Methylnaphthalene	12.316	142	201547	5.079	ng		99
38) 1-Methylnaphthalene	12.540	142	191795	5.129	ng		100
40) 1,2,4,5-Tetrachloroben...	12.687	216	95623	4.992	ng		98
43) 2,4,6-Trichlorophenol	12.940	196	61434	4.656	ng		94
44) 2,4,5-Trichlorophenol	13.028	196	72117	4.624	ng		97
46) 1,1'-Biphenyl	13.334	154	260520	5.149	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.375	162	192167	5.109	ng	98
48) 2-Nitroaniline	13.598	65	54350	4.226	ng	94
49) Acenaphthylene	14.222	152	331261	5.149	ng	98
50) Dimethylphthalate	13.957	163	274783	5.169	ng	100
51) 2,6-Dinitrotoluene	14.086	165	53983	4.776	ng	94
52) Acenaphthene	14.563	154	198434	5.209	ng	100
53) 3-Nitroaniline	14.428	138	45958	3.985	ng	98
55) Dibenzofuran	14.898	168	321248	5.248	ng	100
57) 2,4-Dinitrotoluene	14.881	165	70388	4.556	ng	95
58) Fluorene	15.545	166	260947	5.256	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.133	232	63904	4.975	ng	99
60) Diethylphthalate	15.322	149	282833	5.132	ng	98
61) 4-Chlorophenyl-phenyle...	15.545	204	127943	5.200	ng	98
62) 4-Nitroaniline	15.592	138	35618m	5.655	ng	
63) Azobenzene	15.833	77	269294	5.014	ng	98
65) 4,6-Dinitro-2-methylph...	15.645	198	34833	3.888	ng	91
66) n-Nitrosodiphenylamine	15.763	169	222298	5.125	ng	100
67) 4-Bromophenyl-phenylether	16.439	248	75871	5.038	ng	98
68) Hexachlorobenzene	16.551	284	85527	5.230	ng	99
69) Atrazine	16.716	200	74571	5.125	ng	99
70) Pentachlorophenol	16.910	266	48457	4.243	ng	97
71) Phenanthrene	17.292	178	404376	5.212	ng	99
72) Anthracene	17.380	178	413302	5.194	ng	99
73) Carbazole	17.663	167	357462	4.939	ng	99
74) Di-n-butylphthalate	18.216	149	503908	5.008	ng	99
75) Fluoranthene	19.310	202	491930	5.226	ng	99
77) Benzidine	19.516	184	150953	4.744	ng	98
78) Pyrene	19.674	202	514073	4.978	ng	99
80) Butylbenzylphthalate	20.574	149	248935	4.861	ng	98
81) Benzo(a)anthracene	21.427	228	511075	5.125	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	165033	5.013	ng	99
83) Chrysene	21.480	228	504347	5.218	ng	99
84) Bis(2-ethylhexyl)phtha...	21.351	149	392720	5.031	ng	100
85) Di-n-octyl phthalate	22.268	149	675337	5.031	ng	99
87) Indeno(1,2,3-cd)pyrene	26.280	276	570273	5.000	ng	100
88) Benzo(b)fluoranthene	23.092	252	468461	4.950	ng	99
89) Benzo(k)fluoranthene	23.145	252	524302	5.299	ng	100
90) Benzo(a)pyrene	23.709	252	475677	5.058	ng	98
91) Dibenzo(a,h)anthracene	26.292	278	475604	5.017	ng	99
92) Benzo(g,h,i)perylene	27.039	276	477771	5.085	ng	99

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

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