Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
Data File : BM040122.D
Acq On : 07 Jun 2023 02:52
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 04:54:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 16:45:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	229361	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1041207	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	599156	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1212210	20.000	ng	0.00
76) Chrysene-d12	21.551	240	1280419	20.000	ng	0.00
86) Perylene-d12	23.986	264	1270026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1314523	87.914	ng	0.00
7) Phenol-d6	7.151	99	1918732	98.371	ng	0.00
23) Nitrobenzene-d5	9.163	82	1687212	87.439	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	756506	97.280	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4037150	79.475	ng	0.00
79) Terphenyl-d14	19.992	244	6791947	82.362	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	245593	40.671	ng	100
3) Pyridine	3.811	79	770677	46.485	ng	98
4) n-Nitrosodimethylamine	3.716	42	297403	42.225	ng	99
6) Aniline	7.316	93	1123932	46.569	ng	100
8) 2-Chlorophenol	7.551	128	697856	44.339	ng	100
9) Benzaldehyde	7.128	77	509523	54.038	ng	99
10) Phenol	7.175	94	917243	46.914	ng	99
11) bis(2-Chloroethyl)ether	7.410	93	722526	44.867	ng	98
12) 1,3-Dichlorobenzene	7.881	146	678207	40.691	ng	99
13) 1,4-Dichlorobenzene	8.028	146	691498	40.777	ng	100
14) 1,2-Dichlorobenzene	8.345	146	698792	42.024	ng	100
15) Benzyl Alcohol	8.234	79	616236	49.012	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	936933	45.355	ng	99
17) 2-Methylphenol	8.434	107	665925	47.606	ng	99
18) Hexachloroethane	9.081	117	253572	41.245	ng	91
19) n-Nitroso-di-n-propyla...	8.804	70	597399	52.880	ng	98
20) 3+4-Methylphenols	8.763	107	904147	48.982	ng	99
22) Acetophenone	8.822	105	1204353	42.854	ng	100
24) Nitrobenzene	9.204	77	858282	43.851	ng	99
25) Isophorone	9.734	82	1612590	45.827	ng	100
26) 2-Nitrophenol	9.916	139	347040	50.107	ng	98
27) 2,4-Dimethylphenol	9.975	122	692988	43.930	ng	100
28) bis(2-Chloroethoxy)met...	10.216	93	1009720	43.766	ng	100
29) 2,4-Dichlorophenol	10.451	162	628418	42.047	ng	99
30) 1,2,4-Trichlorobenzene	10.669	180	610492	37.311	ng	98
31) Naphthalene	10.857	128	2409409	41.940	ng	100
32) Benzoic acid	10.110	122	408663	39.995	ng	95
33) 4-Chloroaniline	10.969	127	1086917	44.899	ng	100
34) Hexachlorobutadiene	11.145	225	315052	34.304	ng	100
35) Caprolactam	11.757	113	223204	52.887	ng	92
36) 4-Chloro-3-methylphenol	12.086	107	758798	49.119	ng	98
37) 2-Methylnaphthalene	12.463	142	1682896	43.948	ng	99
38) 1-Methylnaphthalene	12.681	142	1588671	44.321	ng	98
40) 1,2,4,5-Tetrachloroben...	12.828	216	657069	34.673	ng	98
41) Hexachlorocyclopentadiene	12.810	237	332690	33.937	ng	99
43) 2,4,6-Trichlorophenol	13.063	196	465336	40.456	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	559318	40.854	ng	96
46) 1,1'-Biphenyl	13.469	154	2082714	40.601	ng	99
47) 2-Chloronaphthalene	13.510	162	1546239	40.382	ng	98
48) 2-Nitroaniline	13.716	65	495437	47.831	ng	98
49) Acenaphthylene	14.357	152	2627066	43.826	ng	100
50) Dimethylphthalate	14.092	163	1990608	44.073	ng	100
51) 2,6-Dinitrotoluene	14.210	165	400217	46.319	ng	99
52) Acenaphthene	14.698	154	1723418m	44.003	ng	
53) 3-Nitroaniline	14.539	138	523681	51.234	ng	99
54) 2,4-Dinitrophenol	14.739	184	187685	43.149	ng	96
55) Dibenzofuran	15.027	168	2470538	42.729	ng	99
56) 4-Nitrophenol	14.833	139	421476	53.306	ng	98
57) 2,4-Dinitrotoluene	14.992	165	549774	44.489	ng	99
58) Fluorene	15.674	166	2186093	45.483	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	432817	42.511	ng	93
60) Diethylphthalate	15.451	149	2075002	46.479	ng	99
61) 4-Chlorophenyl-phenyle...	15.669	204	1001424	42.586	ng	99
62) 4-Nitroaniline	15.698	138	581565	54.632	ng	97
63) Azobenzene	15.963	77	2181053	49.001	ng	99
65) 4,6-Dinitro-2-methylph...	15.751	198	270118	41.665	ng	94
66) n-Nitrosodiphenylamine	15.886	169	1736550	41.657	ng	99
67) 4-Bromophenyl-phenylether	16.563	248	515555	38.491	ng	97
68) Hexachlorobenzene	16.680	284	589365	38.504	ng	98
69) Atrazine	16.833	200	469922	45.319	ng	99
70) Pentachlorophenol	17.021	266	422595	42.056	ng	99
71) Phenanthrene	17.415	178	3054407	42.125	ng	99
72) Anthracene	17.510	178	3126649	43.522	ng	100
73) Carbazole	17.774	167	3002959	46.267	ng	100
74) Di-n-butylphthalate	18.339	149	3435512	41.906	ng	100
75) Fluoranthene	19.427	202	3349676	46.351	ng	99
77) Benzidine	19.609	184	982815	49.429	ng	99
78) Pyrene	19.792	202	3556716	37.855	ng	99
80) Butylbenzylphthalate	20.680	149	1533470	40.525	ng	98
81) Benzo(a)anthracene	21.533	228	3832985	42.287	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	1370079	50.600	ng	99
83) Chrysene	21.586	228	3687387	42.398	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	2477905	40.828	ng	99
85) Di-n-octyl phthalate	22.392	149	3937621	42.526	ng	100
87) Indeno(1,2,3-cd)pyrene	26.538	276	3973539	39.343	ng	100
88) Benzo(b)fluoranthene	23.245	252	3393230	41.731	ng	100
89) Benzo(k)fluoranthene	23.292	252	3713862	41.770	ng	99
90) Benzo(a)pyrene	23.880	252	3281296	42.079	ng	99
91) Dibenzo(a,h)anthracene	26.550	278	3455131	39.625	ng	100
92) Benzo(g,h,i)perylene	27.315	276	2831877	36.747	ng	100

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

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