Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041216.D
Acq On : 01 Aug 2023 09:32
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

Quant Time: Aug 02 01:53:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 31 16:29:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.798	152	155403	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	615415	20.000	ng		0.00
39) Acenaphthene-d10	14.468	164	378771	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	815950	20.000	ng		0.00
76) Chrysene-d12	21.427	240	711373	20.000	ng		0.00
86) Perylene-d12	23.797	264	786689	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	779169	74.936	ng		0.00
7) Phenol-d6	6.981	99	1045875	77.599	ng		0.00
23) Nitrobenzene-d5	8.975	82	1022187	77.243	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	494049	92.216	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	2350763	78.401	ng		0.00
79) Terphenyl-d14	19.862	244	3567038	90.661	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	149137	33.529	ng		98
3) Pyridine	3.669	79	429631	36.735	ng		97
4) n-Nitrosodimethylamine	3.581	42	182669	33.771	ng		91
6) Aniline	7.134	93	627657	39.793	ng		99
8) 2-Chlorophenol	7.363	128	405729	39.971	ng		99
9) Benzaldehyde	6.945	77	265190	37.289	ng		98
10) Phenol	7.010	94	508484	39.062	ng		100
11) bis(2-Chloroethyl)ether	7.234	93	420821	39.937	ng		96
12) 1,3-Dichlorobenzene	7.681	146	441507	39.958	ng		99
13) 1,4-Dichlorobenzene	7.834	146	445799	40.141	ng		99
14) 1,2-Dichlorobenzene	8.151	146	431712	40.542	ng		98
15) Benzyl Alcohol	8.057	79	386255	45.380	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.339	45	532279m	37.913	ng		
17) 2-Methylphenol	8.257	107	371970	41.825	ng		100
18) Hexachloroethane	8.869	117	173021	41.847	ng		91
19) n-Nitroso-di-n-propyla...	8.622	70	359605	43.927	ng		96
20) 3+4-Methylphenols	8.592	107	510864	42.962	ng		98
22) Acetophenone	8.639	105	645049	39.576	ng	#	98
24) Nitrobenzene	9.016	77	514664	38.457	ng		100
25) Isophorone	9.545	82	976722	43.479	ng		99
26) 2-Nitrophenol	9.728	139	240367	45.945	ng		94
27) 2,4-Dimethylphenol	9.792	122	382341	41.532	ng		99
28) bis(2-Chloroethoxy)met...	10.028	93	573866	40.782	ng		99
29) 2,4-Dichlorophenol	10.263	162	406407	43.777	ng		100
30) 1,2,4-Trichlorobenzene	10.469	180	432090	42.126	ng		99
31) Naphthalene	10.657	128	1314703	39.367	ng		100
32) Benzoic acid	9.963	122	325473	47.212	ng		97
33) 4-Chloroaniline	10.786	127	575113	43.092	ng		98
34) Hexachlorobutadiene	10.928	225	276964	44.897	ng		99
35) Caprolactam	11.610	113	131662	49.025	ng	#	85
36) 4-Chloro-3-methylphenol	11.922	107	433932	44.409	ng		97
37) 2-Methylnaphthalene	12.274	142	949971	42.193	ng		99
38) 1-Methylnaphthalene	12.498	142	885668	42.029	ng		100
40) 1,2,4,5-Tetrachloroben...	12.645	216	501308	40.760	ng		98
41) Hexachlorocyclopentadiene	12.610	237	274999	42.263	ng		98
43) 2,4,6-Trichlorophenol	12.898	196	346969	44.015	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	400361	43.880	ng	98
46) 1,1'-Biphenyl	13.298	154	1194671	38.906	ng	99
47) 2-Chloronaphthalene	13.339	162	904589	39.454	ng	99
48) 2-Nitroaniline	13.563	65	306017	41.814	ng	94
49) Acenaphthylene	14.186	152	1478300	39.946	ng	100
50) Dimethylphthalate	13.933	163	1209618	42.455	ng	100
51) 2,6-Dinitrotoluene	14.063	165	261958	44.373	ng	94
52) Acenaphthene	14.533	154	878389	39.400	ng	100
53) 3-Nitroaniline	14.398	138	274830	40.648	ng	94
54) 2,4-Dinitrophenol	14.610	184	164443	44.075	ng	91
55) Dibenzofuran	14.868	168	1440479	39.602	ng	98
56) 4-Nitrophenol	14.715	139	215985	43.898	ng	95
57) 2,4-Dinitrotoluene	14.857	165	352277	42.131	ng	93
58) Fluorene	15.521	166	1163425	40.545	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	327987	44.393	ng	97
60) Diethylphthalate	15.298	149	1269625	46.079	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	625569	43.505	ng	97
62) 4-Nitroaniline	15.563	138	252373	40.766	ng	98
63) Azobenzene	15.810	77	1226085	40.624	ng	97
65) 4,6-Dinitro-2-methylph...	15.621	198	219682	44.443	ng	89
66) n-Nitrosodiphenylamine	15.739	169	991800	39.083	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	386543	43.207	ng	98
68) Hexachlorobenzene	16.521	284	418386	42.058	ng	98
69) Atrazine	16.698	200	302753	45.429	ng	100
70) Pentachlorophenol	16.874	266	308144	44.733	ng	99
71) Phenanthrene	17.268	178	1766899	38.975	ng	100
72) Anthracene	17.357	178	1809845	40.365	ng	100
73) Carbazole	17.639	167	1606245	39.580	ng	100
74) Di-n-butylphthalate	18.198	149	2272991	49.566	ng	99
75) Fluoranthene	19.292	202	2104174	41.313	ng	99
77) Benzidine	19.492	184	390180	40.242	ng	100
78) Pyrene	19.656	202	2154133	43.302	ng	100
80) Butylbenzylphthalate	20.562	149	978135	53.842	ng	94
81) Benzo(a)anthracene	21.415	228	2017742	41.840	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	706231	44.879	ng	99
83) Chrysene	21.468	228	1897101	40.671	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1505345	51.957	ng	97
85) Di-n-octyl phthalate	22.250	149	2380659	51.851	ng	96
87) Indeno(1,2,3-cd)pyrene	26.256	276	2267192	39.199	ng	96
88) Benzo(b)fluoranthene	23.080	252	1884011	40.313	ng	98
89) Benzo(k)fluoranthene	23.127	252	1914355	40.045	ng	99
90) Benzo(a)pyrene	23.697	252	1824535	40.631	ng	98
91) Dibenzo(a,h)anthracene	26.268	278	1915814	39.712	ng	98
92) Benzo(g,h,i)perylene	27.009	276	1810855	38.362	ng	97

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

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