Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
Data File : BM040220.D
Acq On : 13 Jun 2023 11:47
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 13 18:59:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 18:52:59 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	383214	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1684703	20.000	ng	0.00
39) Acenaphthene-d10	14.622	164	1029775	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	2179637	20.000	ng	0.00
76) Chrysene-d12	21.539	240	2038448	20.000	ng	0.00
86) Perylene-d12	23.974	264	2225999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1072701	43.401	ng	0.00
7) Phenol-d6	7.134	99	1452760	43.112	ng	0.00
23) Nitrobenzene-d5	9.145	82	1334699	41.485	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	580853	40.434	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	3139966	41.854	ng	0.00
79) Terphenyl-d14	19.980	244	4833360	46.072	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	216172	21.899	ng	99
3) Pyridine	3.799	79	608335	21.810	ng	99
4) n-Nitrosodimethylamine	3.710	42	273304	21.595	ng	97
6) Aniline	7.298	93	882163	21.329	ng	99
8) 2-Chlorophenol	7.540	128	555645	21.126	ng	99
9) Benzaldehyde	7.110	77	421030m	22.415	ng	
10) Phenol	7.163	94	702686	21.315	ng	99
11) bis(2-Chloroethyl)ether	7.398	93	580129	21.221	ng	99
12) 1,3-Dichlorobenzene	7.869	146	573751	21.129	ng	97
13) 1,4-Dichlorobenzene	8.016	146	585745	21.306	ng	99
14) 1,2-Dichlorobenzene	8.334	146	568811	21.160	ng	100
15) Benzyl Alcohol	8.222	79	511596	21.169	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	797716	21.128	ng	99
17) 2-Methylphenol	8.422	107	515030	21.298	ng	100
18) Hexachloroethane	9.063	117	211516	20.855	ng	99
19) n-Nitroso-di-n-propyla...	8.787	70	491472	21.713	ng	99
20) 3+4-Methylphenols	8.751	107	701261	21.200	ng	98
22) Acetophenone	8.804	105	913747	20.837	ng	98
24) Nitrobenzene	9.187	77	685141	20.749	ng	98
25) Isophorone	9.716	82	1304920	20.875	ng	100
26) 2-Nitrophenol	9.904	139	286385	20.294	ng	99
27) 2,4-Dimethylphenol	9.963	122	550152	20.965	ng	99
28) bis(2-Chloroethoxy)met...	10.198	93	816982	20.792	ng	100
29) 2,4-Dichlorophenol	10.439	162	513939	20.673	ng	99
30) 1,2,4-Trichlorobenzene	10.657	180	517059	20.410	ng	99
31) Naphthalene	10.845	128	1891852	20.902	ng	100
32) Benzoic acid	10.069	122	343121	20.406	ng	99
33) 4-Chloroaniline	10.951	127	844677	20.864	ng	100
34) Hexachlorobutadiene	11.128	225	287762	20.205	ng	97
35) Caprolactam	11.733	113	184945	21.348	ng	98
36) 4-Chloro-3-methylphenol	12.069	107	609493	21.136	ng	97
37) 2-Methylnaphthalene	12.451	142	1343480	20.936	ng	99
38) 1-Methylnaphthalene	12.669	142	1264178	20.858	ng	100
40) 1,2,4,5-Tetrachloroben...	12.816	216	574446	20.061	ng	100
41) Hexachlorocyclopentadiene	12.798	237	306380	19.451	ng	100
43) 2,4,6-Trichlorophenol	13.051	196	402909	20.291	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	481482	20.355	ng	99
46) 1,1'-Biphenyl	13.457	154	1673988	20.595	ng	100
47) 2-Chloronaphthalene	13.498	162	1229906	20.433	ng	98
48) 2-Nitroaniline	13.698	65	409607	20.642	ng	96
49) Acenaphthylene	14.339	152	2090173	20.817	ng	100
50) Dimethylphthalate	14.075	163	1704979	20.807	ng	100
51) 2,6-Dinitrotoluene	14.192	165	347363	20.834	ng	95
52) Acenaphthene	14.680	154	1268691	20.711	ng	100
53) 3-Nitroaniline	14.522	138	412786	20.839	ng	99
54) 2,4-Dinitrophenol	14.727	184	171156	20.510	ng	99
55) Dibenzofuran	15.016	168	2007469	20.717	ng	99
56) 4-Nitrophenol	14.822	139	324308	20.947	ng	96
57) 2,4-Dinitrotoluene	14.974	165	468751	20.862	ng	95
58) Fluorene	15.663	166	1647317	20.880	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.239	232	390827	20.312	ng	99
60) Diethylphthalate	15.433	149	1763046	20.939	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	786707	20.275	ng	96
62) 4-Nitroaniline	15.686	138	426713	20.965	ng	98
63) Azobenzene	15.951	77	1780875	21.062	ng	99
65) 4,6-Dinitro-2-methylph...	15.739	198	247398	18.932	ng	95
66) n-Nitrosodiphenylamine	15.869	169	1410596	20.508	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	459782	20.150	ng	99
68) Hexachlorobenzene	16.668	284	504150	20.002	ng	99
69) Atrazine	16.821	200	424120	20.604	ng	100
70) Pentachlorophenol	17.010	266	361203	19.988	ng	100
71) Phenanthrene	17.404	178	2476149	20.416	ng	100
72) Anthracene	17.498	178	2509210	20.488	ng	99
73) Carbazole	17.762	167	2391745	20.756	ng	100
74) Di-n-butylphthalate	18.327	149	2985083	20.886	ng	99
75) Fluoranthene	19.415	202	2741157	20.391	ng	99
77) Benzidine	19.598	184	751367	19.848	ng	99
78) Pyrene	19.780	202	2888890	20.660	ng	99
80) Butylbenzylphthalate	20.668	149	1315341	20.538	ng	93
81) Benzo(a)anthracene	21.521	228	2813292	20.257	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	979297	20.590	ng	99
83) Chrysene	21.580	228	2712801	20.641	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	2035890	21.006	ng	98
85) Di-n-octyl phthalate	22.380	149	3406406	21.042	ng	99
87) Indeno(1,2,3-cd)pyrene	26.509	276	2867185	19.445	ng	99
88) Benzo(b)fluoranthene	23.233	252	2662970	19.986	ng	99
89) Benzo(k)fluoranthene	23.280	252	2729821	19.922	ng	99
90) Benzo(a)pyrene	23.862	252	2534857	20.055	ng	98
91) Dibenzo(a,h)anthracene	26.521	278	2404365	19.174	ng	98
92) Benzo(g,h,i)perylene	27.285	276	2214884	19.735	ng	99

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

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