Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043999.D
Acq On : 06 Feb 2024 20:05
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 07 04:03:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	398296	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1713574	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	1034404	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	2208197	20.000	ng		0.00
76) Chrysene-d12	21.521	240	2237925	20.000	ng		0.00
86) Perylene-d12	23.927	264	2639520	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	2196623	81.443	ng		0.00
7) Phenol-d6	7.087	99	3028945	76.007	ng		0.00
23) Nitrobenzene-d5	9.092	82	2817650	79.265	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	871401	69.108	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	6133187	81.471	ng		0.00
79) Terphenyl-d14	19.956	244	10059989	86.777	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	434647	41.697	ng		99
3) Pyridine	3.793	79	1280949	40.381	ng		100
4) n-Nitrosodimethylamine	3.716	42	536104	39.313	ng	#	95
6) Aniline	7.251	93	1439551	36.306	ng		99
8) 2-Chlorophenol	7.481	128	1145029	38.237	ng		97
9) Benzaldehyde	7.069	77	755942	41.930	ng		98
10) Phenol	7.116	94	1478528	37.315	ng		98
11) bis(2-Chloroethyl)ether	7.357	93	1178291	37.942	ng		99
12) 1,3-Dichlorobenzene	7.804	146	1246164	38.544	ng		99
13) 1,4-Dichlorobenzene	7.957	146	1261049	38.567	ng		99
14) 1,2-Dichlorobenzene	8.269	146	1212380	37.598	ng		99
15) Benzyl Alcohol	8.169	79	1005668	36.818	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1592420m	38.238	ng		
17) 2-Methylphenol	8.369	107	955100	37.709	ng		99
18) Hexachloroethane	8.992	117	475112	38.722	ng		96
19) n-Nitroso-di-n-propyla...	8.739	70	970428	37.008	ng		99
20) 3+4-Methylphenols	8.698	107	1317695	36.860	ng		98
22) Acetophenone	8.757	105	1812053	39.027	ng	#	100
24) Nitrobenzene	9.133	77	1397324	39.178	ng		100
25) Isophorone	9.657	82	2592589	39.179	ng		98
26) 2-Nitrophenol	9.845	139	584739	40.565	ng		99
27) 2,4-Dimethylphenol	9.904	122	794734	40.153	ng		98
28) bis(2-Chloroethoxy)met...	10.151	93	1621933	40.136	ng		100
29) 2,4-Dichlorophenol	10.375	162	1036045	41.039	ng		100
30) 1,2,4-Trichlorobenzene	10.586	180	1141137	40.021	ng		99
31) Naphthalene	10.775	128	3712140	38.866	ng		99
32) Benzoic acid	10.045	122	761221	36.718	ng		97
33) 4-Chloroaniline	10.898	127	1509807	38.459	ng		99
34) Hexachlorobutadiene	11.051	225	630818	40.564	ng		99
35) Caprolactam	11.692	113	382279	36.927	ng		99
36) 4-Chloro-3-methylphenol	12.016	107	1225927	39.655	ng		99
37) 2-Methylnaphthalene	12.386	142	2584714	38.806	ng		100
38) 1-Methylnaphthalene	12.610	142	2557590	38.465	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	1192259	40.639	ng		100
41) Hexachlorocyclopentadiene	12.722	237	450265	46.665	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	835857	42.159	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	933376	41.264	ng	100
46) 1,1'-Biphenyl	13.404	154	3245163	39.894	ng	99
47) 2-Chloronaphthalene	13.445	162	2567194	39.573	ng	99
48) 2-Nitroaniline	13.657	65	840685	39.845	ng	99
49) Acenaphthylene	14.286	152	3861217	38.938	ng	100
50) Dimethylphthalate	14.039	163	3122571	38.863	ng	100
51) 2,6-Dinitrotoluene	14.157	165	701352	39.711	ng	99
52) Acenaphthene	14.633	154	2444744	38.890	ng	99
53) 3-Nitroaniline	14.486	138	779976	38.041	ng	98
54) 2,4-Dinitrophenol	14.686	184	350516	36.473	ng	98
55) Dibenzofuran	14.968	168	3754058	38.373	ng	99
56) 4-Nitrophenol	14.786	139	689843	38.500	ng	99
57) 2,4-Dinitrotoluene	14.939	165	967712	39.361	ng	99
58) Fluorene	15.615	166	3208090	38.831	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	772820	39.631	ng	100
60) Diethylphthalate	15.404	149	3261102	39.207	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	1522337	39.496	ng	99
62) 4-Nitroaniline	15.651	138	838872	37.420	ng	97
63) Azobenzene	15.910	77	3266145	39.315	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	511086	38.801	ng	97
66) n-Nitrosodiphenylamine	15.833	169	2653435	40.340	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	682378	31.369	ng	98
68) Hexachlorobenzene	16.609	284	1010106	38.945	ng	99
69) Atrazine	16.792	200	781190	42.928	ng	99
70) Pentachlorophenol	16.962	266	713765	41.910	ng	99
71) Phenanthrene	17.362	178	4817813	39.171	ng	100
72) Anthracene	17.451	178	4775476	39.659	ng	99
73) Carbazole	17.727	167	4794313	38.444	ng	100
74) Di-n-butylphthalate	18.304	149	5737655	41.953	ng	99
75) Fluoranthene	19.380	202	5904185	38.818	ng	100
77) Benzidine	19.580	184	1538228	54.174	ng	100
78) Pyrene	19.745	202	6266587	40.736	ng	100
80) Butylbenzylphthalate	20.668	149	2682757	44.041	ng	99
81) Benzo(a)anthracene	21.503	228	6255047	39.840	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	2028483	40.406	ng	99
83) Chrysene	21.556	228	5921227	39.365	ng	100
84) Bis(2-ethylhexyl)phtha...	21.450	149	4118123	45.460	ng	99
85) Di-n-octyl phthalate	22.397	149	6996180	44.832	ng	100
87) Indeno(1,2,3-cd)pyrene	26.438	276	7480189	37.873	ng	100
88) Benzo(b)fluoranthene	23.197	252	6522467	39.284	ng	99
89) Benzo(k)fluoranthene	23.250	252	6420786	40.308	ng	100
90) Benzo(a)pyrene	23.821	252	5866097	39.971	ng	100
91) Dibenzo(a,h)anthracene	26.468	278	6194753	38.031	ng	100
92) Benzo(g,h,i)perylene	27.209	276	6095117	36.686	ng	100

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

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