Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044751.D
Acq On : 25 Mar 2024 10:16
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 25 19:12:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 02:28:24 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	227054	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	916659	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	531523	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	1037198	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	755289	20.000	ng	-0.02
86) Perylene-d12	23.527	264	750149	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1183651	74.848	ng	-0.01
7) Phenol-d6	6.869	99	1549700	76.172	ng	-0.01
23) Nitrobenzene-d5	8.851	82	1479824	77.773	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	498261	84.991	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2926579	75.830	ng	-0.02
79) Terphenyl-d14	19.733	244	3820369	88.485	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	228537	34.382	ng	97
3) Pyridine	3.663	79	669909	36.444	ng	92
4) n-Nitrosodimethylamine	3.587	42	320113	43.455	ng	81
6) Aniline	7.028	93	920709	38.211	ng	98
8) 2-Chlorophenol	7.251	128	612997	38.917	ng	99
9) Benzaldehyde	6.845	77	398511	37.400	ng	98
10) Phenol	6.892	94	772858	38.037	ng	94
11) bis(2-Chloroethyl)ether	7.128	93	628587	37.891	ng	100
12) 1,3-Dichlorobenzene	7.569	146	635510	37.523	ng	99
13) 1,4-Dichlorobenzene	7.716	146	643975	37.726	ng	99
14) 1,2-Dichlorobenzene	8.028	146	616178	37.852	ng	99
15) Benzyl Alcohol	7.934	79	555583	41.537	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	894213	38.878	ng	99
17) 2-Methylphenol	8.128	107	550866	39.753	ng	97
18) Hexachloroethane	8.739	117	247255	39.182	ng	100
19) n-Nitroso-di-n-propyla...	8.498	70	493725	39.738	ng	93
20) 3+4-Methylphenols	8.463	107	752551	40.243	ng	98
22) Acetophenone	8.510	105	917404	38.095	ng	96
24) Nitrobenzene	8.892	77	719700	38.264	ng	97
25) Isophorone	9.410	82	1302013	39.660	ng	99
26) 2-Nitrophenol	9.592	139	347402	42.804	ng	96
27) 2,4-Dimethylphenol	9.651	122	551689	38.653	ng	96
28) bis(2-Chloroethoxy)met...	9.898	93	811837	37.239	ng	99
29) 2,4-Dichlorophenol	10.116	162	552475	40.613	ng	99
30) 1,2,4-Trichlorobenzene	10.328	180	556461	38.452	ng	99
31) Naphthalene	10.516	128	1888071	37.531	ng	99
32) Benzoic acid	9.816	122	429653	38.495	ng	97
33) 4-Chloroaniline	10.639	127	832148	39.429	ng	99
34) Hexachlorobutadiene	10.780	225	323936	40.147	ng	100
35) Caprolactam	11.463	113	190648	43.447	ng	96
36) 4-Chloro-3-methylphenol	11.769	107	609558	40.835	ng	99
37) 2-Methylnaphthalene	12.133	142	1304065	38.192	ng	98
38) 1-Methylnaphthalene	12.357	142	1224085	38.466	ng	98
40) 1,2,4,5-Tetrachloroben...	12.504	216	582609	38.626	ng	99
41) Hexachlorocyclopentadiene	12.469	237	295408	34.378	ng	100
43) 2,4,6-Trichlorophenol	12.757	196	418917	41.131	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.827	196	496167	41.114	ng	98
46) 1,1'-Biphenyl	13.163	154	1543137	37.120	ng	99
47) 2-Chloronaphthalene	13.198	162	1173675	38.180	ng	99
48) 2-Nitroaniline	13.421	65	432336	41.449	ng	98
49) Acenaphthylene	14.051	152	1924558	38.432	ng	100
50) Dimethylphthalate	13.810	163	1545659	38.878	ng	100
51) 2,6-Dinitrotoluene	13.933	165	336901	40.693	ng	97
52) Acenaphthene	14.398	154	1130724	37.352	ng	98
53) 3-Nitroaniline	14.263	138	393819	40.623	ng	97
54) 2,4-Dinitrophenol	14.468	184	170754	34.257	ng	96
55) Dibenzofuran	14.733	168	1794420	37.349	ng	98
56) 4-Nitrophenol	14.574	139	302665	38.014	ng	93
57) 2,4-Dinitrotoluene	14.721	165	458013	42.339	ng	93
58) Fluorene	15.386	166	1422912	38.031	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.963	232	372276	39.732	ng	99
60) Diethylphthalate	15.174	149	1575908	39.157	ng	100
61) 4-Chlorophenyl-phenyle...	15.386	204	680590	37.892	ng	100
62) 4-Nitroaniline	15.433	138	396043m	40.897	ng	
63) Azobenzene	15.680	77	1594133	38.319	ng	97
65) 4,6-Dinitro-2-methylph...	15.480	198	245580	37.755	ng	99
66) n-Nitrosodiphenylamine	15.610	169	1233026	38.145	ng	99
67) 4-Bromophenyl-phenylether	16.286	248	417792	38.943	ng	100
68) Hexachlorobenzene	16.380	284	449488	39.414	ng	99
69) Atrazine	16.574	200	407341	40.327	ng	99
70) Pentachlorophenol	16.733	266	332735	40.562	ng	99
71) Phenanthrene	17.133	178	2139357	37.324	ng	100
72) Anthracene	17.221	178	2193977	38.165	ng	100
73) Carbazole	17.498	167	2041030	37.697	ng	100
74) Di-n-butylphthalate	18.068	149	2738635	39.255	ng	99
75) Fluoranthene	19.151	202	2375554	37.076	ng	99
77) Benzidine	19.356	184	850382	43.563	ng	99
78) Pyrene	19.515	202	2451078	44.278	ng	100
80) Butylbenzylphthalate	20.433	149	1179292	47.269	ng	97
81) Benzo(a)anthracene	21.268	228	2077773	39.537	ng	100
82) 3,3'-Dichlorobenzidine	21.209	252	729429	40.301	ng	99
83) Chrysene	21.321	228	1955898	38.948	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1614641	42.959	ng	99
85) Di-n-octyl phthalate	22.103	149	2657363	40.760	ng	99
87) Indeno(1,2,3-cd)pyrene	25.791	276	1927569	35.545	ng	97
88) Benzo(b)fluoranthene	22.856	252	1742948	39.537	ng	98
89) Benzo(k)fluoranthene	22.897	252	1783564	39.355	ng	99
90) Benzo(a)pyrene	23.427	252	1672716	38.902	ng	99
91) Dibenzo(a,h)anthracene	25.803	278	1623224	35.505	ng	98
92) Benzo(g,h,i)perylene	26.479	276	1578134	35.067	ng	97

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

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