Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020824\
Data File : BM044027.D
Acq On : 08 Feb 2024 18:08
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM020824

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 09 02:43:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	346772	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1413037	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	794828	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	1581207	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1302102	20.000	ng	0.00
86) Perylene-d12	23.897	264	1539877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1854155	77.767	ng	0.00
7) Phenol-d6	7.075	99	2325729	76.666	ng	0.00
23) Nitrobenzene-d5	9.081	82	2088434	78.427	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	718386	83.477	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	4384763	77.857	ng	0.00
79) Terphenyl-d14	19.945	244	5694231	76.662	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	363793	38.447	ng	100
3) Pyridine	3.781	79	970771	38.860	ng	100
4) n-Nitrosodimethylamine	3.705	42	365636	38.576	ng	100
6) Aniline	7.240	93	1156531	38.774	ng	99
8) 2-Chlorophenol	7.469	128	962275	38.649	ng	99
9) Benzaldehyde	7.057	77	594233m	38.118	ng	
10) Phenol	7.104	94	1185427	38.719	ng	99
11) bis(2-Chloroethyl)ether	7.346	93	967412	38.158	ng	98
12) 1,3-Dichlorobenzene	7.793	146	1088061	38.490	ng	99
13) 1,4-Dichlorobenzene	7.945	146	1092851	38.353	ng	100
14) 1,2-Dichlorobenzene	8.257	146	1043965	38.450	ng	99
15) Benzyl Alcohol	8.157	79	758303	38.391	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1201254	37.375	ng	100
17) 2-Methylphenol	8.357	107	771260	38.376	ng	98
18) Hexachloroethane	8.981	117	411033	38.526	ng	99
19) n-Nitroso-di-n-propyla...	8.728	70	701580	37.663	ng	99
20) 3+4-Methylphenols	8.687	107	1070351	38.696	ng	99
22) Acetophenone	8.740	105	1396010	38.922	ng	100
24) Nitrobenzene	9.122	77	1067167	39.135	ng	98
25) Isophorone	9.645	82	1983369	38.680	ng	100
26) 2-Nitrophenol	9.828	139	506612	40.071	ng	99
27) 2,4-Dimethylphenol	9.892	122	641294	39.669	ng	99
28) bis(2-Chloroethoxy)met...	10.139	93	1271588	38.345	ng	99
29) 2,4-Dichlorophenol	10.357	162	847025	39.797	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	934898	39.063	ng	98
31) Naphthalene	10.763	128	3027876	38.825	ng	99
32) Benzoic acid	10.028	122	628799	38.613	ng	98
33) 4-Chloroaniline	10.881	127	1158666	39.235	ng	99
34) Hexachlorobutadiene	11.039	225	535840	39.116	ng	99
35) Caprolactam	11.675	113	275035	40.157	ng	95
36) 4-Chloro-3-methylphenol	12.004	107	906731	39.343	ng	99
37) 2-Methylnaphthalene	12.375	142	2007933	38.653	ng	98
38) 1-Methylnaphthalene	12.592	142	1961715	38.431	ng	98
40) 1,2,4,5-Tetrachloroben...	12.739	216	904940	39.170	ng	100
41) Hexachlorocyclopentadiene	12.710	237	397879	39.463	ng	98
43) 2,4,6-Trichlorophenol	12.986	196	636260	40.467	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	700076	40.574	ng	99
46) 1,1'-Biphenyl	13.392	154	2458144	39.194	ng	100
47) 2-Chloronaphthalene	13.427	162	1954991	39.350	ng	99
48) 2-Nitroaniline	13.645	65	562420	40.240	ng	100
49) Acenaphthylene	14.274	152	2937245	39.629	ng	100
50) Dimethylphthalate	14.027	163	2317611	39.327	ng	99
51) 2,6-Dinitrotoluene	14.145	165	524916	40.372	ng	98
52) Acenaphthene	14.616	154	1801812	39.279	ng	99
53) 3-Nitroaniline	14.469	138	577617	41.337	ng	95
54) 2,4-Dinitrophenol	14.674	184	273530	38.184	ng	99
55) Dibenzofuran	14.957	168	2771503	39.035	ng	99
56) 4-Nitrophenol	14.769	139	483245	42.543	ng	98
57) 2,4-Dinitrotoluene	14.927	165	701687	41.291	ng	97
58) Fluorene	15.604	166	2140970	39.023	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	543276	40.127	ng	100
60) Diethylphthalate	15.392	149	2389604	39.235	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	1033588	38.880	ng	99
62) 4-Nitroaniline	15.633	138	587078	41.739	ng	97
63) Azobenzene	15.898	77	2261420	39.576	ng	99
65) 4,6-Dinitro-2-methylph...	15.686	198	382469	40.592	ng	96
66) n-Nitrosodiphenylamine	15.821	169	1863649	38.794	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	623730	39.897	ng	98
68) Hexachlorobenzene	16.598	284	740936	38.690	ng	99
69) Atrazine	16.780	200	539282	41.459	ng	99
70) Pentachlorophenol	16.945	266	509118	40.867	ng	100
71) Phenanthrene	17.345	178	3229715	38.680	ng	100
72) Anthracene	17.439	178	3242782	39.229	ng	100
73) Carbazole	17.715	167	3213066	39.968	ng	100
74) Di-n-butylphthalate	18.292	149	4164525	39.854	ng	100
75) Fluoranthene	19.368	202	3722813	39.692	ng	99
77) Benzidine	19.562	184	1023662	50.588	ng	100
78) Pyrene	19.733	202	3911154	39.001	ng	100
80) Butylbenzylphthalate	20.651	149	1814645	40.709	ng	98
81) Benzo(a)anthracene	21.486	228	3572270	39.440	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	1224843	41.216	ng	100
83) Chrysene	21.545	228	3379459	39.493	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	2670642	40.606	ng	99
85) Di-n-octyl phthalate	22.380	149	4705030	40.961	ng	100
87) Indeno(1,2,3-cd)pyrene	26.385	276	4296549	39.423	ng	100
88) Benzo(b)fluoranthene	23.174	252	3742797	38.882	ng	100
89) Benzo(k)fluoranthene	23.221	252	3563574	38.960	ng	100
90) Benzo(a)pyrene	23.797	252	3315886	39.438	ng	99
91) Dibenzo(a,h)anthracene	26.415	278	3589288	39.372	ng	100
92) Benzo(g,h,i)perylene	27.150	276	3630133	39.263	ng	99

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

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