Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
Data File : BM040145.D
Acq On : 07 Jun 2023 17:21
Operator : MA/JU
Sample : 03036-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 07 17:52:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 16:45:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	278520	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1274960	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	806346	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1751017	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1852814	20.000	ng	0.00
86) Perylene-d12	23.991	264	1682238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	2651881	146.051	ng	0.00
7) Phenol-d6	7.151	99	3312106	139.836	ng	0.00
23) Nitrobenzene-d5	9.163	82	2066166	87.446	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1879282	179.565	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	5199843	76.061	ng	0.00
79) Terphenyl-d14	19.992	244	9930327	83.218	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	286860	39.120	ng	# 72
3) Pyridine	3.816	79	847178	42.081	ng	98
4) n-Nitrosodimethylamine	3.722	42	368085	43.036	ng	95
6) Aniline	7.316	93	851209	29.044	ng	100
8) 2-Chlorophenol	7.551	128	989644	51.779	ng	98
9) Benzaldehyde	7.122	77	180157	15.734	ng	99
10) Phenol	7.181	94	1218798	51.335	ng	99
11) bis(2-Chloroethyl)ether	7.410	93	921346	47.115	ng	99
12) 1,3-Dichlorobenzene	7.881	146	895318	44.236	ng	98
13) 1,4-Dichlorobenzene	8.028	146	927341	45.033	ng	99
14) 1,2-Dichlorobenzene	8.345	146	905365	44.837	ng	99
15) Benzyl Alcohol	8.234	79	896326	58.706	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1164427	46.419	ng	99
17) 2-Methylphenol	8.434	107	872701	51.377	ng	99
18) Hexachloroethane	9.081	117	334473	44.801	ng	96
19) n-Nitroso-di-n-propyla...	8.804	70	732594	53.402	ng	98
20) 3+4-Methylphenols	8.769	107	1197380	53.419	ng	98
22) Acetophenone	8.822	105	1538676	44.713	ng	100
24) Nitrobenzene	9.204	77	1069069	44.606	ng	99
25) Isophorone	9.728	82	2102811	48.802	ng	100
26) 2-Nitrophenol	9.916	139	486812	57.401	ng	99
27) 2,4-Dimethylphenol	9.975	122	1036398	53.654	ng	100
28) bis(2-Chloroethoxy)met...	10.216	93	1321272	46.770	ng	99
29) 2,4-Dichlorophenol	10.451	162	957826	52.337	ng	100
30) 1,2,4-Trichlorobenzene	10.669	180	827370	41.295	ng	98
31) Naphthalene	10.857	128	3016806	42.885	ng	100
32) Benzoic acid	10.116	122	666740	50.695	ng	95
33) 4-Chloroaniline	10.969	127	205484	6.932	ng	98
34) Hexachlorobutadiene	11.145	225	414339	36.844	ng	99
35) Caprolactam	11.757	113	295825m	57.243	ng	
36) 4-Chloro-3-methylphenol	12.086	107	1117747	59.089	ng	98
37) 2-Methylnaphthalene	12.463	142	2131536	45.459	ng	100
38) 1-Methylnaphthalene	12.680	142	2017839	45.973	ng	99
40) 1,2,4,5-Tetrachloroben...	12.827	216	961899	37.716	ng	98
41) Hexachlorocyclopentadiene	12.810	237	1209992	91.713	ng	99
43) 2,4,6-Trichlorophenol	13.069	196	716487	46.285	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 16:45:42 2023
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	831370	45.122	ng	100
46) 1,1'-Biphenyl	13.469	154	2987040	43.268	ng	100
47) 2-Chloronaphthalene	13.510	162	2265785	43.969	ng	99
48) 2-Nitroaniline	13.716	65	731764	52.244	ng	97
49) Acenaphthylene	14.357	152	3796038	47.055	ng	100
50) Dimethylphthalate	14.092	163	2946475	48.474	ng	100
51) 2,6-Dinitrotoluene	14.210	165	621625	53.458	ng	96
52) Acenaphthene	14.698	154	2849188m	54.054	ng	
53) 3-Nitroaniline	14.533	138	398663	28.981	ng	98
54) 2,4-Dinitrophenol	14.739	184	796271	118.719	ng	99
55) Dibenzofuran	15.027	168	3664114	47.089	ng	100
56) 4-Nitrophenol	14.845	139	1360089	127.816	ng	94
57) 2,4-Dinitrotoluene	14.992	165	898472	53.221	ng	98
58) Fluorene	15.674	166	3197906	49.439	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	729043	53.207	ng	98
60) Diethylphthalate	15.451	149	3135159	52.181	ng	99
61) 4-Chlorophenyl-phenyle...	15.668	204	1477311	46.681	ng	98
62) 4-Nitroaniline	15.704	138	810078	56.545	ng	95
63) Azobenzene	15.962	77	2977762	49.710	ng	98
65) 4,6-Dinitro-2-methylph...	15.751	198	488254	50.166	ng	98
66) n-Nitrosodiphenylamine	15.886	169	2609020	43.328	ng	99
67) 4-Bromophenyl-phenylether	16.562	248	818807	42.321	ng	98
68) Hexachlorobenzene	16.680	284	1001497	45.295	ng	93
69) Atrazine	16.833	200	582813	38.911	ng	99
70) Pentachlorophenol	17.021	266	1441889	99.341	ng	98
71) Phenanthrene	17.415	178	4866348	46.463	ng	99
72) Anthracene	17.509	178	4981475	48.004	ng	100
73) Carbazole	17.780	167	4779018	50.974	ng	100
74) Di-n-butylphthalate	18.339	149	5464908	45.777	ng	100
75) Fluoranthene	19.427	202	5381718	51.555	ng	99
77) Benzidine	19.609	184	134179	4.663	ng	99
78) Pyrene	19.792	202	5839445	42.950	ng	100
80) Butylbenzylphthalate	20.686	149	2495260	44.969	ng	88
81) Benzo(a)anthracene	21.539	228	6063822	46.231	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	814581	20.790	ng	98
83) Chrysene	21.592	228	5585072	44.379	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	3720895	42.233	ng	99
85) Di-n-octyl phthalate	22.397	149	6341289	46.581	ng	98
87) Indeno(1,2,3-cd)pyrene	26.538	276	5623945	42.039	ng	98
88) Benzo(b)fluoranthene	23.250	252	5706002	52.979	ng	99
89) Benzo(k)fluoranthene	23.297	252	5730737	48.660	ng	98
90) Benzo(a)pyrene	23.886	252	4564347	44.190	ng	99
91) Dibenzo(a,h)anthracene	26.550	278	4879373	42.247	ng	99
92) Benzo(g,h,i)perylene	27.321	276	3942129	38.619	ng	98

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

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