Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039988.D
Acq On : 24 May 2023 17:35
Operator : CG/JU
Sample : 02888-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MID2-44(10-11)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Quant Time: May 24 19:02:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 01:06:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	406276	20.000	ng	0.00
21) Naphthalene-d8	10.834	136	1566381	20.000	ng	0.00
39) Acenaphthene-d10	14.657	164	753540	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	1284816	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1248768	20.000	ng	0.00
86) Perylene-d12	24.027	264	1272780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	2312863	87.324	ng	0.00
7) Phenol-d6	7.175	99	2688279	77.808	ng	0.00
23) Nitrobenzene-d5	9.187	82	1527973	52.637	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	834908	85.366	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	3432637	53.730	ng	0.00
79) Terphenyl-d14	20.015	244	4241179	52.734	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	455240	42.561	ng	97
3) Pyridine	3.828	79	1177827	40.107	ng	97
4) n-Nitrosodimethylamine	3.740	42	513741	41.178	ng	95
6) Aniline	7.340	93	1636753	38.286	ng	98
8) 2-Chlorophenol	7.581	128	1303681	46.761	ng	95
9) Benzaldehyde	7.146	77	727578	43.562	ng	97
10) Phenol	7.198	94	1531391	44.218	ng	98
11) bis(2-Chloroethyl)ether	7.434	93	1218144	42.704	ng	98
12) 1,3-Dichlorobenzene	7.904	146	1441419	48.823	ng	98
13) 1,4-Dichlorobenzene	8.051	146	1472837	49.032	ng	99
14) 1,2-Dichlorobenzene	8.375	146	1397161	47.434	ng	98
15) Benzyl Alcohol	8.257	79	974554	43.758	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.557	45	1487457	40.650	ng	99
17) 2-Methylphenol	8.463	107	1009490	40.742	ng	97
18) Hexachloroethane	9.110	117	533848	49.021	ng	97
19) n-Nitroso-di-n-propyla...	8.828	70	824256	41.190	ng	97
20) 3+4-Methylphenols	8.787	107	1321561	40.419	ng	99
22) Acetophenone	8.845	105	1857927	43.945	ng	97
24) Nitrobenzene	9.228	77	1248378	42.397	ng	96
25) Isophorone	9.757	82	2250922	42.520	ng	97
26) 2-Nitrophenol	9.939	139	632295	60.685	ng	94
27) 2,4-Dimethylphenol	9.998	122	1112006	46.858	ng	99
28) bis(2-Chloroethoxy)met...	10.239	93	1491010	42.960	ng	99
29) 2,4-Dichlorophenol	10.475	162	1061209	47.198	ng	98
30) 1,2,4-Trichlorobenzene	10.698	180	1169064	47.493	ng	99
31) Naphthalene	10.886	128	3806426	44.043	ng	100
32) Benzoic acid	10.128	122	707964	44.874	ng	91
33) 4-Chloroaniline	10.992	127	1080995	29.682	ng	97
34) Hexachlorobutadiene	11.175	225	651445	47.150	ng	98
35) Caprolactam	11.769	113	282937	44.563	ng	86
36) 4-Chloro-3-methylphenol	12.110	107	989342	42.571	ng	97
37) 2-Methylnaphthalene	12.486	142	2403357	41.720	ng	98
38) 1-Methylnaphthalene	12.704	142	2234277	41.433	ng	98
40) 1,2,4,5-Tetrachloroben...	12.851	216	1166228	48.933	ng	99
41) Hexachlorocyclopentadiene	12.833	237	1576023	127.827	ng	99
43) 2,4,6-Trichlorophenol	13.092	196	718813	49.690	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	758135	44.031	ng	97
46) 1,1'-Biphenyl	13.492	154	3079812	47.739	ng	99
47) 2-Chloronaphthalene	13.533	162	2344166	48.678	ng	99
48) 2-Nitroaniline	13.733	65	549572	42.489	ng	92
49) Acenaphthylene	14.380	152	3495315	46.364	ng	100
50) Dimethylphthalate	14.110	163	2486223	43.768	ng	100
51) 2,6-Dinitrotoluene	14.227	165	516347	47.516	ng	91
52) Acenaphthene	14.716	154	2414662m	49.021	ng	
53) 3-Nitroaniline	14.557	138	448299	34.873	ng	97
54) 2,4-Dinitrophenol	14.757	184	463311	76.952	ng	94
55) Dibenzofuran	15.051	168	3210495	44.151	ng	99
56) 4-Nitrophenol	14.857	139	1013855	101.955	ng	90
57) 2,4-Dinitrotoluene	15.010	165	677648	43.677	ng	91
58) Fluorene	15.698	166	2586815	42.794	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.274	232	586620	45.813	ng	99
60) Diethylphthalate	15.474	149	2464098	43.886	ng	99
61) 4-Chlorophenyl-phenyle...	15.692	204	1266142	42.812	ng	98
62) 4-Nitroaniline	15.716	138	582723	43.526	ng	93
63) Azobenzene	15.986	77	2392354	42.736	ng	95
65) 4,6-Dinitro-2-methylph...	15.769	198	306695	44.075	ng	94
66) n-Nitrosodiphenylamine	15.904	169	2063148	46.695	ng	98
67) 4-Bromophenyl-phenylether	16.586	248	653843	46.057	ng	97
68) Hexachlorobenzene	16.698	284	777367	47.916	ng	97
69) Atrazine	16.857	200	625083	56.876	ng	100
70) Pentachlorophenol	17.045	266	988134	92.781	ng	97
71) Phenanthrene	17.439	178	3441861	44.786	ng	100
72) Anthracene	17.527	178	3501745	45.989	ng	100
73) Carbazole	17.798	167	3240599	47.107	ng	99
74) Di-n-butylphthalate	18.362	149	3984803	45.514	ng	100
75) Fluoranthene	19.451	202	3464316	45.229	ng	100
77) Benzidine	19.633	184	2461130	126.915	ng	99
78) Pyrene	19.809	202	3724909	40.650	ng	100
80) Butylbenzylphthalate	20.709	149	1780371	47.322	ng	86
81) Benzo(a)anthracene	21.556	228	3788500	42.855	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	1414970	53.582	ng	100
83) Chrysene	21.615	228	3542727	41.767	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	2826294	47.139	ng	98
85) Di-n-octyl phthalate	22.433	149	4566421	49.317	ng	96
87) Indeno(1,2,3-cd)pyrene	26.585	276	4773838	47.165	ng	98
88) Benzo(b)fluoranthene	23.280	252	3865584	47.437	ng	99
89) Benzo(k)fluoranthene	23.333	252	3923666	44.034	ng	99
90) Benzo(a)pyrene	23.921	252	3305252	42.295	ng	99
91) Dibenzo(a,h)anthracene	26.603	278	4087450	46.776	ng	99
92) Benzo(g,h,i)perylene	27.380	276	3595188	46.551	ng	98

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

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