Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039987.D
Acq On : 24 May 2023 16:59
Operator : CG/JU
Sample : 02888-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 24 19:02:16 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

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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	375460	20.000	ng		0.00
21) Naphthalene-d8	10.834	136	1412308	20.000	ng		0.00
39) Acenaphthene-d10	14.657	164	685440	20.000	ng		0.00
64) Phenanthrene-d10	17.398	188	1232260	20.000	ng		0.00
76) Chrysene-d12	21.574	240	1294617	20.000	ng		0.00
86) Perylene-d12	24.027	264	1327482	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	2100792	85.828	ng		0.00
7) Phenol-d6	7.175	99	2432916	76.196	ng		0.00
23) Nitrobenzene-d5	9.187	82	1363076	52.079	ng		0.00
42) 2,4,6-Tribromophenol	16.139	330	788168	88.593	ng		0.00
45) 2-Fluorobiphenyl	13.280	172	3029784	52.136	ng		0.00
79) Terphenyl-d14	20.015	244	4290039	51.453	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	423187	42.811	ng		97
3) Pyridine	3.828	79	1092029	40.238	ng		98
4) n-Nitrosodimethylamine	3.740	42	474846	41.184	ng		97
6) Aniline	7.340	93	1482836	37.532	ng		97
8) 2-Chlorophenol	7.575	128	1174457	45.584	ng		96
9) Benzaldehyde	7.146	77	665264	43.101	ng		97
10) Phenol	7.199	94	1388898	43.395	ng		97
11) bis(2-Chloroethyl)ether	7.434	93	1107542	42.013	ng		98
12) 1,3-Dichlorobenzene	7.904	146	1325537	48.583	ng		98
13) 1,4-Dichlorobenzene	8.051	146	1348598	48.581	ng		99
14) 1,2-Dichlorobenzene	8.375	146	1270436	46.672	ng		99
15) Benzyl Alcohol	8.257	79	876872	42.604	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.551	45	1341882	39.682	ng		99
17) 2-Methylphenol	8.457	107	908958	39.695	ng		99
18) Hexachloroethane	9.104	117	488756	48.564	ng		97
19) n-Nitroso-di-n-propyla...	8.828	70	736033	39.800	ng		97
20) 3+4-Methylphenols	8.787	107	1182926	39.148	ng		99
22) Acetophenone	8.845	105	1667525	43.744	ng	#	98
24) Nitrobenzene	9.228	77	1129421	42.541	ng		96
25) Isophorone	9.757	82	2020989	42.341	ng		97
26) 2-Nitrophenol	9.939	139	558941	59.497	ng		93
27) 2,4-Dimethylphenol	9.998	122	998395	46.660	ng		99
28) bis(2-Chloroethoxy)met...	10.239	93	1327621	42.425	ng		99
29) 2,4-Dichlorophenol	10.475	162	935254	46.134	ng		98
30) 1,2,4-Trichlorobenzene	10.692	180	1044537	47.064	ng		98
31) Naphthalene	10.886	128	3431092	44.031	ng		100
32) Benzoic acid	10.122	122	650565	45.584	ng		92
33) 4-Chloroaniline	10.992	127	952364	29.003	ng		98
34) Hexachlorobutadiene	11.175	225	572508	45.958	ng		99
35) Caprolactam	11.763	113	266901	46.624	ng		88
36) 4-Chloro-3-methylphenol	12.110	107	900838	42.991	ng		98
37) 2-Methylnaphthalene	12.486	142	2152253	41.437	ng		99
38) 1-Methylnaphthalene	12.704	142	2009119	41.322	ng		97
40) 1,2,4,5-Tetrachloroben...	12.851	216	1025179	47.288	ng		99
41) Hexachlorocyclopentadiene	12.833	237	1385846	123.570	ng		99
43) 2,4,6-Trichlorophenol	13.086	196	638922	48.555	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	676264	43.178	ng	98
46) 1,1'-Biphenyl	13.492	154	2731144	46.540	ng	99
47) 2-Chloronaphthalene	13.533	162	2077311	47.422	ng	99
48) 2-Nitroaniline	13.733	65	508286	43.158	ng	92
49) Acenaphthylene	14.380	152	3157058	46.038	ng	100
50) Dimethylphthalate	14.110	163	2260302	43.744	ng	100
51) 2,6-Dinitrotoluene	14.227	165	470948	47.644	ng	92
52) Acenaphthene	14.716	154	2207776m	49.274	ng	
53) 3-Nitroaniline	14.557	138	417781	35.728	ng	94
54) 2,4-Dinitrophenol	14.757	184	432318	78.731	ng	96
55) Dibenzofuran	15.051	168	2962536	44.789	ng	99
56) 4-Nitrophenol	14.857	139	999093	110.453	ng	90
57) 2,4-Dinitrotoluene	15.010	165	633809	44.804	ng	92
58) Fluorene	15.698	166	2452906	44.610	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.274	232	556048	47.740	ng	100
60) Diethylphthalate	15.469	149	2333402	45.687	ng	99
61) 4-Chlorophenyl-phenyle...	15.692	204	1166292	43.354	ng	99
62) 4-Nitroaniline	15.716	138	571831	46.956	ng	93
63) Azobenzene	15.986	77	2268045	44.541	ng	96
65) 4,6-Dinitro-2-methylph...	15.769	198	292249	43.841	ng	93
66) n-Nitrosodiphenylamine	15.904	169	1954121	46.113	ng	99
67) 4-Bromophenyl-phenylether	16.586	248	618184	45.402	ng	97
68) Hexachlorobenzene	16.698	284	736533	47.335	ng	97
69) Atrazine	16.857	200	603964	57.298	ng	99
70) Pentachlorophenol	17.045	266	982843	96.220	ng	99
71) Phenanthrene	17.439	178	3318413	45.022	ng	100
72) Anthracene	17.527	178	3424744	46.896	ng	100
73) Carbazole	17.798	167	3212049	48.683	ng	99
74) Di-n-butylphthalate	18.362	149	3936992	46.775	ng	99
75) Fluoranthene	19.451	202	3480938	47.384	ng	100
77) Benzidine	19.633	184	2457399	122.234	ng	99
78) Pyrene	19.809	202	3724807	39.209	ng	100
80) Butylbenzylphthalate	20.709	149	1831020	46.983	ng	88
81) Benzo(a)anthracene	21.556	228	3912149	42.687	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	1447208	52.862	ng	99
83) Chrysene	21.615	228	3676531	41.810	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	2915763	46.926	ng	98
85) Di-n-octyl phthalate	22.433	149	4711714	49.115	ng	96
87) Indeno(1,2,3-cd)pyrene	26.591	276	4977345	47.149	ng	98
88) Benzo(b)fluoranthene	23.280	252	3990598	46.953	ng	99
89) Benzo(k)fluoranthene	23.333	252	4091035	44.020	ng	98
90) Benzo(a)pyrene	23.921	252	3429250	42.073	ng	99
91) Dibenzo(a,h)anthracene	26.609	278	4266608	46.814	ng	98
92) Benzo(g,h,i)perylene	27.380	276	3744944	46.492	ng	98

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

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