Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
Data File : BM039123.D
Acq On : 23 Mar 2023 19:26
Operator : CG/JU
Sample : 02045-08MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 24 04:31:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 03:36:20 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
03/24/2023
Supervised By :Jagrut Upadhyay
03/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	265997	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	1019434	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	529073	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	962549	20.000	ng		0.00
76) Chrysene-d12	21.527	240	804597	20.000	ng		0.00
86) Perylene-d12	23.962	264	1055293	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1872828	106.970	ng		0.00
7) Phenol-d6	7.128	99	2305679	101.388	ng		0.00
23) Nitrobenzene-d5	9.128	82	1415975	68.228	ng		-0.01
42) 2,4,6-Tribromophenol	16.092	330	645729	105.502	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	2807512	69.080	ng		0.00
79) Terphenyl-d14	19.968	244	3127882	71.077	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	307966	39.539	ng		99
3) Pyridine	3.793	79	791055	36.620	ng		99
4) n-Nitrosodimethylamine	3.699	42	341786	38.882	ng		92
6) Aniline	7.287	93	1120562	37.528	ng		99
8) 2-Chlorophenol	7.522	128	846418	45.410	ng		98
9) Benzaldehyde	7.092	77	581561	53.741	ng		98
10) Phenol	7.151	94	1043706	43.218	ng		98
11) bis(2-Chloroethyl)ether	7.381	93	844463	43.009	ng		100
12) 1,3-Dichlorobenzene	7.851	146	939976	47.453	ng		97
13) 1,4-Dichlorobenzene	7.998	146	950303	47.171	ng		98
14) 1,2-Dichlorobenzene	8.316	146	905323	46.652	ng		100
15) Benzyl Alcohol	8.204	79	709844m	43.549	ng		
16) 2,2'-oxybis(1-Chloropr...	8.498	45	1081668	43.621	ng		98
17) 2-Methylphenol	8.410	107	678691	40.911	ng		99
18) Hexachloroethane	9.045	117	366361	49.289	ng		95
19) n-Nitroso-di-n-propyla...	8.775	70	615203	42.950	ng		98
20) 3+4-Methylphenols	8.739	107	907677	40.977	ng		99
22) Acetophenone	8.792	105	1244789	43.522	ng	#	97
24) Nitrobenzene	9.169	77	913131	41.861	ng		98
25) Isophorone	9.704	82	1657658	43.404	ng		99
26) 2-Nitrophenol	9.886	139	446261	46.437	ng		93
27) 2,4-Dimethylphenol	9.945	122	740693	44.511	ng		99
28) bis(2-Chloroethoxy)met...	10.180	93	1046609	42.651	ng		100
29) 2,4-Dichlorophenol	10.422	162	708712	44.921	ng		98
30) 1,2,4-Trichlorobenzene	10.633	180	788301	45.724	ng		99
31) Naphthalene	10.822	128	2725617	46.888	ng		100
32) Benzoic acid	10.075	122	442207	37.626	ng		98
33) 4-Chloroaniline	10.933	127	479002	19.336	ng		99
34) Hexachlorobutadiene	11.110	225	461403	46.670	ng		98
35) Caprolactam	11.733	113	185578m	38.648	ng		
36) 4-Chloro-3-methylphenol	12.063	107	718369	42.761	ng		100
37) 2-Methylnaphthalene	12.433	142	1640164	42.097	ng		98
38) 1-Methylnaphthalene	12.651	142	1508363	41.311	ng		100
40) 1,2,4,5-Tetrachloroben...	12.798	216	804646	46.782	ng		99
41) Hexachlorocyclopentadiene	12.774	237	954564	101.107	ng		98
43) 2,4,6-Trichlorophenol	13.039	196	520818	46.761	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	549146	42.123	ng	97
46) 1,1'-Biphenyl	13.439	154	2022452	45.122	ng	99
47) 2-Chloronaphthalene	13.480	162	1526922	45.177	ng	99
48) 2-Nitroaniline	13.686	65	448717	41.767	ng	94
49) Acenaphthylene	14.327	152	2399991	44.579	ng	100
50) Dimethylphthalate	14.063	163	1738250	42.697	ng	100
51) 2,6-Dinitrotoluene	14.180	165	378514	42.222	ng	97
52) Acenaphthene	14.668	154	1420299	42.927	ng	99
53) 3-Nitroaniline	14.510	138	300556	29.200	ng	95
54) 2,4-Dinitrophenol	14.715	184	374891	72.933	ng	92
55) Dibenzofuran	14.998	168	2209000	42.666	ng	99
56) 4-Nitrophenol	14.821	139	692759	85.679	ng	96
57) 2,4-Dinitrotoluene	14.968	165	497785	42.269	ng	94
58) Fluorene	15.651	166	1734832	42.776	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	443263	44.087	ng	98
60) Diethylphthalate	15.421	149	1742980	44.000	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	829176	41.616	ng	99
62) 4-Nitroaniline	15.674	138	393522	37.143	ng	95
63) Azobenzene	15.933	77	1897336	45.266	ng	97
65) 4,6-Dinitro-2-methylph...	15.727	198	257793	41.522	ng	95
66) n-Nitrosodiphenylamine	15.857	169	1423233	43.860	ng	100
67) 4-Bromophenyl-phenylether	16.533	248	483435	46.499	ng	98
68) Hexachlorobenzene	16.651	284	538447	46.329	ng	99
69) Atrazine	16.809	200	453280	51.141	ng	98
70) Pentachlorophenol	16.998	266	676122	79.095	ng	99
71) Phenanthrene	17.392	178	3320717	58.781	ng	100
72) Anthracene	17.480	178	2633943	46.753	ng	100
73) Carbazole	17.751	167	2268724	44.124	ng	100
74) Di-n-butylphthalate	18.315	149	2887922	46.123	ng	99
75) Fluoranthene	19.403	202	3798692	63.686	ng	99
77) Benzidine	19.592	184	1072751	57.426	ng	98
78) Pyrene	19.768	202	3807560	63.006	ng	100
80) Butylbenzylphthalate	20.662	149	1206707	47.033	ng	97
81) Benzo(a)anthracene	21.515	228	3214348	55.474	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	839389	47.135	ng	99
83) Chrysene	21.568	228	2936336	52.105	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1820319	48.944	ng	99
85) Di-n-octyl phthalate	22.374	149	3110911	50.263	ng	98
87) Indeno(1,2,3-cd)pyrene	26.503	276	4276923	53.262	ng	99
88) Benzo(b)fluoranthene	23.221	252	3713366	55.079	ng	100
89) Benzo(k)fluoranthene	23.268	252	3232085	46.065	ng	100
90) Benzo(a)pyrene	23.856	252	3364364	51.851	ng	99
91) Dibenzo(a,h)anthracene	26.515	278	3238533	47.622	ng	99
92) Benzo(g,h,i)perylene	27.285	276	3625738	54.496	ng	99

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

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