Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103122\
Data File : BM037290.D
Acq On : 31 Oct 2022 15:20
Operator : CG/JU
Sample : N5313-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-SW-QUARTERMS

Quant Time: Nov 01 05:02:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 31 01:34:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	286802	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1061891	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	560116	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1039720	20.000	ng		0.00
76) Chrysene-d12	21.421	240	1107541	20.000	ng		0.00
86) Perylene-d12	23.780	264	1283207	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	2491699	150.095	ng		0.00
7) Phenol-d6	7.046	99	2909408	129.130	ng		0.00
23) Nitrobenzene-d5	9.040	82	1939000	92.126	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	1120749	169.790	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	4035349	95.726	ng		0.00
79) Terphenyl-d14	19.868	244	5784082	93.653	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	290240	42.696	ng	#	39
3) Pyridine	3.746	79	704531	34.788	ng		99
4) n-Nitrosodimethylamine	3.652	42	382417	43.202	ng		98
6) Aniline	7.204	93	544623	19.773	ng		99
8) 2-Chlorophenol	7.434	128	923243	45.694	ng		100
9) Benzaldehyde	7.016	77	414163	36.315	ng		100
10) Phenol	7.075	94	1011922	40.083	ng		99
11) bis(2-Chloroethyl)ether	7.304	93	912174	45.065	ng		98
12) 1,3-Dichlorobenzene	7.757	146	990420	44.859	ng		99
13) 1,4-Dichlorobenzene	7.904	146	1003779	44.075	ng		99
14) 1,2-Dichlorobenzene	8.222	146	974182	44.538	ng		97
15) Benzyl Alcohol	8.122	79	746999	46.374	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.404	45	1210589	41.952	ng		100
17) 2-Methylphenol	8.322	107	704540	42.703	ng		99
18) Hexachloroethane	8.945	117	356228	44.353	ng		97
19) n-Nitroso-di-n-propyla...	8.687	70	643916	41.692	ng		99
20) 3+4-Methylphenols	8.651	107	925968	40.860	ng		99
22) Acetophenone	8.704	105	1316770	47.708	ng	#	99
24) Nitrobenzene	9.081	77	968839	45.404	ng		98
25) Isophorone	9.610	82	1659262	47.170	ng		98
26) 2-Nitrophenol	9.793	139	465482	48.728	ng		100
27) 2,4-Dimethylphenol	9.851	122	768264	54.191	ng		99
28) bis(2-Chloroethoxy)met...	10.092	93	1065145	48.667	ng		99
29) 2,4-Dichlorophenol	10.328	162	751689	46.190	ng		99
30) 1,2,4-Trichlorobenzene	10.534	180	854674	46.312	ng		99
31) Naphthalene	10.722	128	2675344	44.469	ng		100
32) Benzoic acid	9.963	122	179810	18.888	ng		98
33) 4-Chloroaniline	10.845	127	230339	9.612	ng		99
34) Hexachlorobutadiene	10.998	225	473773	45.975	ng		98
35) Caprolactam	11.645	113	192499	38.909	ng		98
36) 4-Chloro-3-methylphenol	11.969	107	741520	44.215	ng		100
37) 2-Methylnaphthalene	12.334	142	1800500	44.171	ng		100
38) 1-Methylnaphthalene	12.551	142	1681542	42.219	ng		99
40) 1,2,4,5-Tetrachloroben...	12.698	216	871441	51.745	ng		99
41) Hexachlorocyclopentadiene	12.669	237	991486	123.567	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	561700	48.450	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	612066	47.859	ng	100
46) 1,1'-Biphenyl	13.345	154	2248047	49.735	ng	99
47) 2-Chloronaphthalene	13.386	162	1729133	48.072	ng	99
48) 2-Nitroaniline	13.598	65	501848	48.280	ng	99
49) Acenaphthylene	14.227	152	2675799	47.922	ng	100
50) Dimethylphthalate	13.975	163	1968669	46.016	ng	100
51) 2,6-Dinitrotoluene	14.092	165	436551	48.184	ng	96
52) Acenaphthene	14.569	154	1605227	46.502	ng	99
53) 3-Nitroaniline	14.422	138	271552	26.829	ng	99
54) 2,4-Dinitrophenol	14.633	184	204298	37.933	ng	95
55) Dibenzofuran	14.904	168	2480239	46.649	ng	100
56) 4-Nitrophenol	14.739	139	746421	92.441	ng	97
57) 2,4-Dinitrotoluene	14.880	165	589997	49.489	ng	97
58) Fluorene	15.551	166	2068364	46.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	507471	47.342	ng	98
60) Diethylphthalate	15.327	149	1874489	45.080	ng	100
61) 4-Chlorophenyl-phenyle...	15.545	204	967121	47.103	ng	99
62) 4-Nitroaniline	15.586	138	453802	44.704	ng	99
63) Azobenzene	15.839	77	1849253	45.144	ng	99
65) 4,6-Dinitro-2-methylph...	15.639	198	203525	30.142	ng	97
66) n-Nitrosodiphenylamine	15.763	169	1677670	47.738	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	561515	48.126	ng	99
68) Hexachlorobenzene	16.551	284	685453	48.544	ng	94
69) Atrazine	16.716	200	538053	60.848	ng	100
70) Pentachlorophenol	16.898	266	884602	107.665	ng	99
71) Phenanthrene	17.286	178	3033860	47.033	ng	100
72) Anthracene	17.380	178	3037567	49.741	ng	99
73) Carbazole	17.657	167	2846067	50.808	ng	99
74) Di-n-butylphthalate	18.215	149	3044183	49.216	ng	100
75) Fluoranthene	19.298	202	3394293	49.780	ng	100
77) Benzidine	19.492	184	930560	56.346	ng	99
78) Pyrene	19.662	202	3608983	42.376	ng	100
80) Butylbenzylphthalate	20.562	149	1395340	45.877	ng	95
81) Benzo(a)anthracene	21.404	228	3732261	47.334	ng	100
82) 3,3'-Dichlorobenzidine	21.345	252	1049752	45.329	ng	99
83) Chrysene	21.456	228	3508657	46.187	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1922939	47.106	ng	98
85) Di-n-octyl phthalate	22.239	149	3253393	50.605	ng	99
87) Indeno(1,2,3-cd)pyrene	26.233	276	5506186	52.407	ng	99
88) Benzo(b)fluoranthene	23.062	252	4285736	48.107	ng	99
89) Benzo(k)fluoranthene	23.109	252	4147980	45.647	ng	99
90) Benzo(a)pyrene	23.674	252	3796194	52.299	ng	99
91) Dibenzo(a,h)anthracene	26.244	278	4701641	53.887	ng	99
92) Benzo(g,h,i)perylene	26.985	276	4501260	53.008	ng	99

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

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