Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037486.D
Acq On : 12 Nov 2022 02:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

Quant Time: Nov 12 03:17:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 11 22:49:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	285323	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	1129076	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	635362	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1174143	20.000	ng		0.00
76) Chrysene-d12	21.380	240	1098613	20.000	ng		0.00
86) Perylene-d12	23.715	264	1039557	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1155661	69.976	ng		0.00
7) Phenol-d6	6.987	99	1553084	69.289	ng		0.00
23) Nitrobenzene-d5	8.975	82	1663172	74.319	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	618158	82.558	ng		0.00
45) 2-Fluorobiphenyl	13.074	172	3691311	77.194	ng		0.00
79) Terphenyl-d14	19.821	244	4814622	78.589	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	249371	36.874	ng		97
3) Pyridine	3.663	79	674112	33.459	ng		99
4) n-Nitrosodimethylamine	3.575	42	312525	35.489	ng		91
6) Aniline	7.140	93	934789	34.114	ng		99
8) 2-Chlorophenol	7.369	128	748300	37.228	ng		99
9) Benzaldehyde	6.951	77	431284	38.012	ng		99
10) Phenol	7.010	94	865556	34.463	ng		98
11) bis(2-Chloroethyl)ether	7.239	93	713128	35.414	ng		99
12) 1,3-Dichlorobenzene	7.687	146	830583	37.815	ng		99
13) 1,4-Dichlorobenzene	7.839	146	852237	37.615	ng		99
14) 1,2-Dichlorobenzene	8.151	146	831841	38.228	ng		99
15) Benzyl Alcohol	8.057	79	562583	35.106	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	1018344	35.473	ng		100
17) 2-Methylphenol	8.257	107	610454	37.192	ng		99
18) Hexachloroethane	8.875	117	320587	40.122	ng		97
19) n-Nitroso-di-n-propyla...	8.622	70	560795	36.508	ng		97
20) 3+4-Methylphenols	8.592	107	827016	36.682	ng		99
22) Acetophenone	8.639	105	1071790	36.522	ng	#	99
24) Nitrobenzene	9.016	77	833790	36.750	ng		100
25) Isophorone	9.545	82	1378878	36.866	ng		99
26) 2-Nitrophenol	9.728	139	390922	38.488	ng		97
27) 2,4-Dimethylphenol	9.792	122	549427	36.449	ng		98
28) bis(2-Chloroethoxy)met...	10.028	93	835135	35.887	ng		99
29) 2,4-Dichlorophenol	10.257	162	674551	38.983	ng		98
30) 1,2,4-Trichlorobenzene	10.469	180	754020	38.426	ng		99
31) Naphthalene	10.657	128	2349378	36.727	ng		99
32) Benzoic acid	9.951	122	406182	32.281	ng		98
33) 4-Chloroaniline	10.780	127	900187	35.328	ng		99
34) Hexachlorobutadiene	10.928	225	453332	41.373	ng		98
35) Caprolactam	11.592	113	188851	35.900	ng		98
36) 4-Chloro-3-methylphenol	11.910	107	641640	35.983	ng		99
37) 2-Methylnaphthalene	12.269	142	1562508	36.052	ng		99
38) 1-Methylnaphthalene	12.486	142	1546899	36.528	ng		100
40) 1,2,4,5-Tetrachloroben...	12.633	216	763851	39.985	ng		100
41) Hexachlorocyclopentadiene	12.604	237	346723	38.094	ng		98
43) 2,4,6-Trichlorophenol	12.886	196	520109	39.549	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	564955	38.944	ng	99
46) 1,1'-Biphenyl	13.280	154	1921536	37.477	ng	99
47) 2-Chloronaphthalene	13.327	162	1548773	37.958	ng	99
48) 2-Nitroaniline	13.545	65	438775	37.213	ng	100
49) Acenaphthylene	14.168	152	2368172	37.389	ng	100
50) Dimethylphthalate	13.921	163	1800091	37.092	ng	99
51) 2,6-Dinitrotoluene	14.045	165	393663	38.305	ng	97
52) Acenaphthene	14.510	154	1432690	36.588	ng	99
53) 3-Nitroaniline	14.374	138	410168	35.725	ng	96
54) 2,4-Dinitrophenol	14.586	184	170441	29.604	ng	97
55) Dibenzofuran	14.845	168	2225660	36.903	ng	99
56) 4-Nitrophenol	14.692	139	284475	31.059	ng	97
57) 2,4-Dinitrotoluene	14.833	165	518941	38.374	ng	95
58) Fluorene	15.498	166	1860311	36.954	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	467176	38.421	ng	98
60) Diethylphthalate	15.274	149	1778880	37.714	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	886547	38.065	ng	98
62) 4-Nitroaniline	15.539	138	400253m	34.760	ng	
63) Azobenzene	15.786	77	1733262	37.301	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	262998	33.768	ng	100
66) n-Nitrosodiphenylamine	15.715	169	1493359	37.628	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	523638	39.741	ng	99
68) Hexachlorobenzene	16.492	284	637940	40.007	ng	99
69) Atrazine	16.668	200	395591	39.615	ng	99
70) Pentachlorophenol	16.845	266	351655	37.900	ng	98
71) Phenanthrene	17.239	178	2680707	36.800	ng	100
72) Anthracene	17.327	178	2586780	37.510	ng	99
73) Carbazole	17.609	167	2259423	35.718	ng	100
74) Di-n-butylphthalate	18.162	149	2954584	42.299	ng	100
75) Fluoranthene	19.256	202	2863546	37.188	ng	98
77) Benzidine	19.450	184	586403	35.796	ng	99
78) Pyrene	19.615	202	3015057	35.690	ng	100
80) Butylbenzylphthalate	20.521	149	1269378	42.074	ng	97
81) Benzo(a)anthracene	21.368	228	2835535	36.254	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	890572	38.768	ng	99
83) Chrysene	21.421	228	2712833	36.001	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	1862315	45.992	ng	99
85) Di-n-octyl phthalate	22.197	149	2997274	47.000	ng	99
87) Indeno(1,2,3-cd)pyrene	26.138	276	3231248	37.962	ng	97
88) Benzo(b)fluoranthene	23.009	252	2642833	36.619	ng	98
89) Benzo(k)fluoranthene	23.056	252	2601375	35.337	ng	98
90) Benzo(a)pyrene	23.615	252	2158215	36.702	ng	99
91) Dibenzo(a,h)anthracene	26.156	278	2697537	38.163	ng	98
92) Benzo(g,h,i)perylene	26.879	276	2608709	37.921	ng	97

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

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