Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
Data File : BP014125.D
Acq On : 17 Mar 2023 17:35
Operator : CG/JU
Sample : 01944-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

Quant Time: Mar 18 00:25:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 00:19:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	118215	20.000	ng		0.00
21) Naphthalene-d8	10.887	136	455343	20.000	ng		0.00
39) Acenaphthene-d10	14.704	164	276685	20.000	ng		0.00
64) Phenanthrene-d10	17.463	188	626299	20.000	ng	#	0.00
76) Chrysene-d12	21.551	240	703364	20.000	ng		0.00
86) Perylene-d12	24.086	264	840453	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.605	112	768572	105.437	ng		0.00
7) Phenol-d6	7.222	99	996264	104.098	ng		0.00
23) Nitrobenzene-d5	9.240	82	654228	65.669	ng		0.00
42) 2,4,6-Tribromophenol	16.198	330	487253	108.615	ng		0.00
45) 2-Fluorobiphenyl	13.328	172	1355114	63.453	ng		0.00
79) Terphenyl-d14	20.004	244	2361682	55.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	123218	38.910	ng		97
3) Pyridine	3.875	79	316691	36.011	ng		99
4) n-Nitrosodimethylamine	3.781	42	161915	41.478	ng	#	98
6) Aniline	7.387	93	424605	33.775	ng		99
8) 2-Chlorophenol	7.622	128	364690	46.712	ng		99
9) Benzaldehyde	7.193	77	314129m	65.591	ng		
10) Phenol	7.246	94	470385	47.225	ng		99
11) bis(2-Chloroethyl)ether	7.475	93	355921	45.130	ng		98
12) 1,3-Dichlorobenzene	7.946	146	412410	48.071	ng		100
13) 1,4-Dichlorobenzene	8.099	146	420789	48.482	ng		99
14) 1,2-Dichlorobenzene	8.416	146	401515	48.299	ng		98
15) Benzyl Alcohol	8.305	79	363066m	46.530	ng		
16) 2,2'-oxybis(1-Chloropr...	8.599	45	419615m	48.872	ng		
17) 2-Methylphenol	8.510	107	317002	44.625	ng		98
18) Hexachloroethane	9.152	117	157961	48.446	ng		96
19) n-Nitroso-di-n-propyla...	8.875	70	289749	45.997	ng		98
20) 3+4-Methylphenols	8.840	107	423450	44.261	ng		99
22) Acetophenone	8.893	105	577767	45.236	ng		99
24) Nitrobenzene	9.281	77	437425	42.912	ng		99
25) Isophorone	9.805	82	769528	41.920	ng		99
26) 2-Nitrophenol	9.993	139	197676	44.583	ng		95
27) 2,4-Dimethylphenol	10.052	122	323414	44.860	ng		99
28) bis(2-Chloroethoxy)met...	10.287	93	458699	43.173	ng		98
29) 2,4-Dichlorophenol	10.534	162	355469	45.043	ng		98
30) 1,2,4-Trichlorobenzene	10.746	180	392259	43.780	ng		98
31) Naphthalene	10.934	128	1081027	43.206	ng		99
32) Benzoic acid	10.193	122	234633	39.763	ng		97
33) 4-Chloroaniline	11.057	127	155206	14.470	ng		99
34) Hexachlorobutadiene	11.216	225	277968	42.672	ng		99
35) Caprolactam	11.846	113	108968	48.238	ng		92
36) 4-Chloro-3-methylphenol	12.169	107	391189	44.445	ng		99
37) 2-Methylnaphthalene	12.540	142	752826	40.784	ng		99
38) 1-Methylnaphthalene	12.757	142	697006	40.508	ng		100
40) 1,2,4,5-Tetrachloroben...	12.904	216	476056	45.139	ng		99
41) Hexachlorocyclopentadiene	12.875	237	578686	87.432	ng		99
43) 2,4,6-Trichlorophenol	13.140	196	302796	45.421	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	328175	42.483	ng	99
46) 1,1'-Biphenyl	13.540	154	1002748	45.025	ng	99
47) 2-Chloronaphthalene	13.587	162	769675	44.894	ng	99
48) 2-Nitroaniline	13.793	65	251539	48.344	ng	99
49) Acenaphthylene	14.428	152	1218581	44.695	ng	99
50) Dimethylphthalate	14.157	163	983424	43.083	ng	99
51) 2,6-Dinitrotoluene	14.281	165	218009	45.353	ng	98
52) Acenaphthene	14.769	154	731924	44.596	ng	99
53) 3-Nitroaniline	14.616	138	151989	32.263	ng	97
54) 2,4-Dinitrophenol	14.822	184	294031	82.401	ng	96
55) Dibenzofuran	15.104	168	1192449	44.566	ng	97
56) 4-Nitrophenol	14.928	139	390908	101.902	ng	93
57) 2,4-Dinitrotoluene	15.069	165	306186	47.652	ng	98
58) Fluorene	15.757	166	963670	45.358	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.334	232	305093	45.272	ng	100
60) Diethylphthalate	15.516	149	983168	43.624	ng	100
61) 4-Chlorophenyl-phenyle...	15.745	204	507579	42.144	ng	99
62) 4-Nitroaniline	15.781	138	223428	47.632	ng	92
63) Azobenzene	16.040	77	1056840	50.677	ng	96
65) 4,6-Dinitro-2-methylph...	15.839	198	197040	42.475	ng	94
66) n-Nitrosodiphenylamine	15.963	169	829013	41.889	ng	100
67) 4-Bromophenyl-phenylether	16.645	248	334393	40.365	ng	99
68) Hexachlorobenzene	16.763	284	397306	44.743	ng	98
69) Atrazine	16.916	200	324707	46.732	ng	100
70) Pentachlorophenol	17.110	266	537695	83.960	ng	98
71) Phenanthrene	17.504	178	1577889	45.098	ng	100
72) Anthracene	17.598	178	1553342	43.450	ng	99
73) Carbazole	17.869	167	1443471	46.808	ng	99
74) Di-n-butylphthalate	18.398	149	1756845	45.565	ng	99
75) Fluoranthene	19.463	202	2091901	50.022	ng	98
77) Benzidine	19.645	184	1047312	75.984	ng	99
78) Pyrene	19.816	202	2163812	40.081	ng	100
80) Butylbenzylphthalate	20.675	149	869116	42.464	ng	99
81) Benzo(a)anthracene	21.533	228	2273726	44.057	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	662273	40.105	ng	99
83) Chrysene	21.586	228	2121010	43.398	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1293113	43.067	ng	99
85) Di-n-octyl phthalate	22.392	149	2355643	48.331	ng	99
87) Indeno(1,2,3-cd)pyrene	26.762	276	2966738	45.685	ng	100
88) Benzo(b)fluoranthene	23.304	252	2496903	45.371	ng	99
89) Benzo(k)fluoranthene	23.357	252	2368958	43.416	ng	99
90) Benzo(a)pyrene	23.974	252	2163349	41.213	ng	100
91) Dibenzo(a,h)anthracene	26.780	278	2469934	45.750	ng	99
92) Benzo(g,h,i)perylene	27.586	276	2404883	44.949	ng	99

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

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