Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
Data File : BF137296.D
Acq On : 06 Feb 2024 17:23
Operator : CG\JU
Sample : P1318-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 06 18:05:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	61008	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	230056	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	130976	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	247278	20.000	ng		0.00
76) Chrysene-d12	13.974	240	139411	20.000	ng		0.00
86) Perylene-d12	15.457	264	130233	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	474707	128.394	ng		0.02
7) Phenol-d6	6.434	99	595813	112.921	ng		0.00
23) Nitrobenzene-d5	7.357	82	462386	89.986	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	214826	145.233	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	847258	88.925	ng		0.00
79) Terphenyl-d14	12.916	244	914196	89.146	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	64491	32.599	ng	#	81
3) Pyridine	3.451	79	89608	23.993	ng		91
4) n-Nitrosodimethylamine	3.393	42	92628	46.204	ng		95
6) Aniline	6.463	93	99382	17.595	ng	#	90
8) 2-Chlorophenol	6.581	128	184031	44.516	ng		93
9) Benzaldehyde	6.345	77	12049	5.996	ng		93
10) Phenol	6.445	94	219408	37.253	ng		97
11) bis(2-Chloroethyl)ether	6.534	93	171019	43.450	ng		97
12) 1,3-Dichlorobenzene	6.734	146	196932	40.630	ng		99
13) 1,4-Dichlorobenzene	6.810	146	204414	40.779	ng		99
14) 1,2-Dichlorobenzene	6.957	146	192354	41.041	ng		97
15) Benzyl Alcohol	6.934	79	183313	48.902	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	294283	41.506	ng		99
17) 2-Methylphenol	7.045	107	156309	45.258	ng		98
18) Hexachloroethane	7.298	117	74720	41.330	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	162798	45.000	ng		98
20) 3+4-Methylphenols	7.198	107	193807	44.328	ng	#	88
22) Acetophenone	7.204	105	279381	45.109	ng	#	98
24) Nitrobenzene	7.375	77	230698	46.257	ng		97
25) Isophorone	7.610	82	425143	44.825	ng		98
26) 2-Nitrophenol	7.686	139	89277	46.328	ng	#	88
27) 2,4-Dimethylphenol	7.728	122	131185	48.391	ng		100
28) bis(2-Chloroethoxy)met...	7.822	93	233480	46.356	ng		99
29) 2,4-Dichlorophenol	7.928	162	160583	47.749	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	183713	43.978	ng		96
31) Naphthalene	8.092	128	551282	44.326	ng		98
32) Benzoic acid	7.857	122	98264	50.798	ng		98
33) 4-Chloroaniline	8.157	127	18325m	4.283	ng		
34) Hexachlorobutadiene	8.204	225	124081	44.671	ng		96
35) Caprolactam	8.516	113	41945m	40.111	ng		
36) 4-Chloro-3-methylphenol	8.628	107	189598	47.732	ng		98
37) 2-Methylnaphthalene	8.780	142	370140	44.391	ng		100
38) 1-Methylnaphthalene	8.880	142	353484	45.643	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	206831	47.194	ng		98
41) Hexachlorocyclopentadiene	8.933	237	259384	124.264	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	127596	51.330	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	140470	51.698	ng	96
46) 1,1'-Biphenyl	9.251	154	491764	47.190	ng	99
47) 2-Chloronaphthalene	9.275	162	358070	46.430	ng	99
48) 2-Nitroaniline	9.375	65	130676	52.352	ng	98
49) Acenaphthylene	9.686	152	581060	47.064	ng	100
50) Dimethylphthalate	9.557	163	432961	48.931	ng	99
51) 2,6-Dinitrotoluene	9.616	165	96732	51.267	ng	96
52) Acenaphthene	9.863	154	344544	47.483	ng	99
53) 3-Nitroaniline	9.786	138	29606	17.436	ng	100
54) 2,4-Dinitrophenol	9.892	184	106439	119.973	ng	90
55) Dibenzofuran	10.033	168	541232	46.883	ng	100
56) 4-Nitrophenol	9.951	139	123429	103.507	ng	93
57) 2,4-Dinitrotoluene	10.022	165	127609	52.123	ng	95
58) Fluorene	10.380	166	430738	47.594	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	126776m	50.146	ng	
60) Diethylphthalate	10.257	149	438458	50.325	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	217029	48.245	ng	98
62) 4-Nitroaniline	10.404	138	65805	40.488	ng	94
63) Azobenzene	10.533	77	453354	46.984	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	70989	53.492	ng	94
66) n-Nitrosodiphenylamine	10.492	169	362126	48.163	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	139314	51.237	ng	95
68) Hexachlorobenzene	10.922	284	148263	48.818	ng	99
69) Atrazine	11.027	200	91875	37.016	ng	97
70) Pentachlorophenol	11.121	266	187217	107.535	ng	97
71) Phenanthrene	11.345	178	607510	46.929	ng	99
72) Anthracene	11.398	178	628839	46.605	ng	97
73) Carbazole	11.551	167	513933	45.576	ng	99
74) Di-n-butylphthalate	11.892	149	646067	53.002	ng	99
75) Fluoranthene	12.539	202	615363	45.427	ng	100
77) Benzidine	12.674	184	18567m	7.438	ng	
78) Pyrene	12.768	202	616690	46.030	ng	99
80) Butylbenzylphthalate	13.398	149	226660	66.135	ng	90
81) Benzo(a)anthracene	13.963	228	462770	46.871	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	67815	25.211	ng	98
83) Chrysene	14.004	228	464422	47.846	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	304144	76.279	ng	98
85) Di-n-octyl phthalate	14.586	149	462943	73.020	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	496298	54.243	ng	99
88) Benzo(b)fluoranthene	15.021	252	393609	49.145	ng	99
89) Benzo(k)fluoranthene	15.057	252	377554	44.560	ng	100
90) Benzo(a)pyrene	15.398	252	346414	45.961	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	395789	53.986	ng	98
92) Benzo(g,h,i)perylene	17.427	276	400769	55.697	ng	98

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

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