Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137349.D
Acq On : 08 Feb 2024 20:46
Operator : CG\JU
Sample : P1367-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-6-0-2MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 09 01:39:30 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	6.786	152	107499	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	404412	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	223594	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	385693	20.000	ng	0.00
76) Chrysene-d12	13.968	240	229890	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	269307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	894756	137.343	ng	0.03
7) Phenol-d6	6.433	99	1119372	120.398	ng	0.00
23) Nitrobenzene-d5	7.351	82	838114	92.786	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	325550	128.922	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1411950	86.808	ng	0.00
79) Terphenyl-d14	12.910	244	1401689	82.888	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	128886	36.974	ng	# 81
3) Pyridine	3.475	79	258014	37.282	ng	97
4) n-Nitrosodimethylamine	3.416	42	156747	44.613	ng	# 80
6) Aniline	6.457	93	257313	25.854	ng	# 86
8) 2-Chlorophenol	6.575	128	339512	46.609	ng	95
9) Benzaldehyde	6.345	77	36909	10.424	ng	93
10) Phenol	6.445	94	409771	39.486	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	353803	51.014	ng	99
12) 1,3-Dichlorobenzene	6.728	146	357810	41.895	ng	97
13) 1,4-Dichlorobenzene	6.804	146	368615	41.733	ng	97
14) 1,2-Dichlorobenzene	6.957	146	348175	42.160	ng	97
15) Benzyl Alcohol	6.933	79	317764	48.108	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.063	45	546672	43.758	ng	99
17) 2-Methylphenol	7.045	107	284204	46.701	ng	96
18) Hexachloroethane	7.292	117	128551	40.354	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	270661	42.459	ng	99
20) 3+4-Methylphenols	7.198	107	337546	43.815	ng	# 88
22) Acetophenone	7.198	105	481050	44.184	ng	99
24) Nitrobenzene	7.369	77	400432	45.674	ng	96
25) Isophorone	7.610	82	755596	45.319	ng	98
26) 2-Nitrophenol	7.686	139	172123	50.573	ng	94
27) 2,4-Dimethylphenol	7.728	122	243719	51.142	ng	95
28) bis(2-Chloroethoxy)met...	7.822	93	436382	49.287	ng	99
29) 2,4-Dichlorophenol	7.928	162	291827	49.363	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	319913	43.565	ng	99
31) Naphthalene	8.086	128	988505	45.214	ng	99
32) Benzoic acid	7.857	122	153999	46.299	ng	94
33) 4-Chloroaniline	8.145	127	48638	6.467	ng	95
34) Hexachlorobutadiene	8.204	225	206166	42.223	ng	98
35) Caprolactam	8.516	113	74946m	40.770	ng	
36) 4-Chloro-3-methylphenol	8.627	107	312382	44.737	ng	93
37) 2-Methylnaphthalene	8.780	142	648387	44.236	ng	98
38) 1-Methylnaphthalene	8.880	142	623122	45.771	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	338391	45.229	ng	99
41) Hexachlorocyclopentadiene	8.933	237	328457	92.175	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	219192	51.653	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	234315	50.515	ng		96
46) 1,1'-Biphenyl	9.245	154	824316	46.336	ng		99
47) 2-Chloronaphthalene	9.269	162	606197	46.044	ng		100
48) 2-Nitroaniline	9.369	65	210636	49.431	ng		98
49) Acenaphthylene	9.686	152	948249	44.990	ng		100
50) Dimethylphthalate	9.551	163	711146	47.079	ng		100
51) 2,6-Dinitrotoluene	9.610	165	164993	51.223	ng		93
52) Acenaphthene	9.857	154	568983	45.933	ng		99
53) 3-Nitroaniline	9.780	138	81125	27.987	ng		97
54) 2,4-Dinitrophenol	9.886	184	124512	85.845	ng	#	82
55) Dibenzofuran	10.027	168	879726	44.639	ng		97
56) 4-Nitrophenol	9.951	139	188741	88.119	ng		92
57) 2,4-Dinitrotoluene	10.016	165	211647	50.640	ng		92
58) Fluorene	10.374	166	657508	42.557	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	201170m	46.611	ng		
60) Diethylphthalate	10.257	149	669700	45.027	ng		98
61) 4-Chlorophenyl-phenyle...	10.369	204	328004	42.711	ng		97
62) 4-Nitroaniline	10.404	138	126312m	45.525	ng		
63) Azobenzene	10.527	77	719598	43.686	ng		96
65) 4,6-Dinitro-2-methylph...	10.421	198	102819	50.061	ng		93
66) n-Nitrosodiphenylamine	10.492	169	579980	49.455	ng		98
67) 4-Bromophenyl-phenylether	10.863	248	217617	51.313	ng		95
68) Hexachlorobenzene	10.921	284	231594	48.890	ng	#	88
69) Atrazine	11.021	200	184145	47.566	ng		99
70) Pentachlorophenol	11.116	266	263653	97.091	ng		98
71) Phenanthrene	11.339	178	946286	46.865	ng		99
72) Anthracene	11.392	178	961477	45.686	ng		99
73) Carbazole	11.551	167	808674	45.978	ng		99
74) Di-n-butylphthalate	11.886	149	942889	49.593	ng		99
75) Fluoranthene	12.533	202	943440	44.652	ng		99
77) Benzidine	12.663	184	87433	21.240	ng		100
78) Pyrene	12.762	202	944864	42.768	ng		99
80) Butylbenzylphthalate	13.392	149	333092	58.939	ng		94
81) Benzo(a)anthracene	13.957	228	764103	46.932	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	167435	37.747	ng		100
83) Chrysene	13.998	228	787853	49.221	ng		100
84) Bis(2-ethylhexyl)phtha...	13.962	149	425463	64.709	ng		96
85) Di-n-octyl phthalate	14.580	149	746636	71.417	ng		99
87) Indeno(1,2,3-cd)pyrene	16.950	276	847317	44.783	ng		97
88) Benzo(b)fluoranthene	15.015	252	819391m	49.474	ng		
89) Benzo(k)fluoranthene	15.051	252	738520	42.151	ng		100
90) Benzo(a)pyrene	15.386	252	729844	46.827	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	697959	46.038	ng		98
92) Benzo(g,h,i)perylene	17.403	276	657812	44.209	ng	#	96

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

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