Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
Data File : BF138718.D
Acq On : 01 Aug 2024 11:49
Operator : RC/JU
Sample : P3379-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 01 12:19:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	70988	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	290366	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	158262	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	255483	20.000	ng		0.00
76) Chrysene-d12	14.010	240	123517	20.000	ng		0.00
86) Perylene-d12	15.468	264	143745	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	462828	100.643	ng		0.01
7) Phenol-d6	6.487	99	626975	101.547	ng		0.00
23) Nitrobenzene-d5	7.410	82	414739	69.833	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	147111	113.478	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	723319	68.670	ng		0.00
79) Terphenyl-d14	12.951	244	608866	82.532	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	77553	38.520	ng		97
3) Pyridine	3.416	79	199266	40.857	ng		98
4) n-Nitrosodimethylamine	3.381	42	147941	50.931	ng		99
6) Aniline	6.510	93	234122	42.519	ng	#	67
8) 2-Chlorophenol	6.634	128	252181	52.121	ng		99
9) Benzaldehyde	6.398	77	14709	3.974	ng		99
10) Phenol	6.504	94	325885	50.130	ng		89
11) bis(2-Chloroethyl)ether	6.581	93	246976	49.370	ng		99
12) 1,3-Dichlorobenzene	6.787	146	252653	46.650	ng		99
13) 1,4-Dichlorobenzene	6.863	146	260545	47.669	ng		99
14) 1,2-Dichlorobenzene	7.016	146	250989	49.136	ng		100
15) Benzyl Alcohol	6.992	79	240213	53.980	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	428018	49.717	ng		73
17) 2-Methylphenol	7.110	107	201209	50.362	ng	#	90
18) Hexachloroethane	7.357	117	97907	47.588	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	195495	52.424	ng		97
20) 3+4-Methylphenols	7.263	107	259680	50.659	ng	#	84
22) Acetophenone	7.257	105	329094	46.289	ng		99
24) Nitrobenzene	7.434	77	282682	46.776	ng		97
25) Isophorone	7.669	82	530374	52.299	ng		98
26) 2-Nitrophenol	7.745	139	136261	52.407	ng		97
27) 2,4-Dimethylphenol	7.787	122	176216	56.645	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	319102	51.671	ng		99
29) 2,4-Dichlorophenol	7.992	162	206616	51.687	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	222899	48.318	ng		99
31) Naphthalene	8.151	128	743132	48.622	ng		99
32) Benzoic acid	7.928	122	110459	45.170	ng		95
33) 4-Chloroaniline	8.198	127	131232	25.579	ng		99
34) Hexachlorobutadiene	8.263	225	132946	47.580	ng		99
35) Caprolactam	8.581	113	62891m	52.726	ng		
36) 4-Chloro-3-methylphenol	8.692	107	239580	52.442	ng		99
37) 2-Methylnaphthalene	8.839	142	485413	50.288	ng		99
38) 1-Methylnaphthalene	8.939	142	448492	47.416	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	204580	46.534	ng		98
41) Hexachlorocyclopentadiene	8.992	237	183149	150.654	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	137673	51.361	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	147687	50.399	ng	99
46) 1,1'-Biphenyl	9.304	154	574095	46.317	ng	100
47) 2-Chloronaphthalene	9.328	162	448865	48.692	ng	99
48) 2-Nitroaniline	9.434	65	160164	51.250	ng	98
49) Acenaphthylene	9.745	152	706625	54.046	ng	99
50) Dimethylphthalate	9.610	163	557252	55.067	ng	100
51) 2,6-Dinitrotoluene	9.675	165	118398	51.843	ng	99
52) Acenaphthene	9.916	154	434642	49.454	ng	99
53) 3-Nitroaniline	9.839	138	76091	32.230	ng	96
54) 2,4-Dinitrophenol	9.957	184	114342	108.763	ng	93
55) Dibenzofuran	10.092	168	639454	51.542	ng	99
56) 4-Nitrophenol	10.022	139	141020	99.328	ng	99
57) 2,4-Dinitrotoluene	10.081	165	152190	52.232	ng	93
58) Fluorene	10.433	166	504647	51.079	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	121222	54.110	ng	97
60) Diethylphthalate	10.304	149	534228	55.678	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	252704	52.007	ng	98
62) 4-Nitroaniline	10.463	138	110375	49.195	ng	97
63) Azobenzene	10.581	77	572141	53.764	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	87759	56.304	ng	98
66) n-Nitrosodiphenylamine	10.545	169	431026	53.974	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	148226	53.587	ng	99
68) Hexachlorobenzene	10.980	284	148644	52.046	ng	97
69) Atrazine	11.069	200	129395	62.802	ng	98
70) Pentachlorophenol	11.180	266	127023	98.672	ng	99
71) Phenanthrene	11.392	178	686893	52.214	ng	99
72) Anthracene	11.445	178	697490	53.819	ng	100
73) Carbazole	11.604	167	550687	49.252	ng	99
74) Di-n-butylphthalate	11.927	149	767293	61.045	ng	100
75) Fluoranthene	12.580	202	591917	48.197	ng	100
77) Benzidine	12.704	184	147972	50.087	ng	100
78) Pyrene	12.810	202	582160	50.059	ng	100
80) Butylbenzylphthalate	13.422	149	237737	63.838	ng	98
81) Benzo(a)anthracene	13.998	228	454713	53.460	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	103925	47.746	ng	99
83) Chrysene	14.033	228	420406	54.785	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	343220	62.938	ng	99
85) Di-n-octyl phthalate	14.592	149	568534	56.349	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	533136	51.754	ng	98
88) Benzo(b)fluoranthene	15.045	252	476812	53.510	ng	99
89) Benzo(k)fluoranthene	15.074	252	388101	50.304	ng	99
90) Benzo(a)pyrene	15.410	252	412302	55.008	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	429790	50.826	ng	99
92) Benzo(g,h,i)perylene	17.392	276	413970	47.177	ng	99

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

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