Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
Data File : BF138977.D
Acq On : 13 Aug 2024 16:20
Operator : RC/JU
Sample : P3519-17MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 16:45:08 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	6.840	152	39027	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	154958	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	83209	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	127552	20.000	ng		0.00
76) Chrysene-d12	14.004	240	70622	20.000	ng	#	0.00
86) Perylene-d12	15.463	264	68420	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	332423	131.485	ng		0.01
7) Phenol-d6	6.492	99	443645	130.699	ng		0.00
23) Nitrobenzene-d5	7.410	82	292481	92.282	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	89180	130.841	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	490963	88.653	ng		-0.01
79) Terphenyl-d14	12.939	244	355466	84.272	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	49500	44.721	ng		97
3) Pyridine	3.446	79	122041	45.515	ng		96
4) n-Nitrosodimethylamine	3.416	42	103965	65.102	ng	#	79
6) Aniline	6.504	93	133789	44.196	ng	#	23
8) 2-Chlorophenol	6.634	128	150101	56.429	ng		97
9) Benzaldehyde	6.398	77	4940	2.428	ng		99
10) Phenol	6.504	94	194817	54.511	ng		80
11) bis(2-Chloroethyl)ether	6.575	93	143116	52.038	ng		99
12) 1,3-Dichlorobenzene	6.781	146	158117	53.103	ng		98
13) 1,4-Dichlorobenzene	6.857	146	162397	54.045	ng		100
14) 1,2-Dichlorobenzene	7.004	146	154394	54.979	ng		98
15) Benzyl Alcohol	6.992	79	145011	59.273	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	245480	51.865	ng	#	50
17) 2-Methylphenol	7.104	107	118266	53.844	ng	#	85
18) Hexachloroethane	7.345	117	61653	54.507	ng		97
19) n-Nitroso-di-n-propyla...	7.257	70	117604	57.363	ng		96
20) 3+4-Methylphenols	7.263	107	159641	56.647	ng	#	72
22) Acetophenone	7.251	105	203029	53.511	ng		99
24) Nitrobenzene	7.428	77	173983	53.946	ng		99
25) Isophorone	7.663	82	304142	56.198	ng		97
26) 2-Nitrophenol	7.739	139	79890	57.576	ng		91
27) 2,4-Dimethylphenol	7.781	122	100983	60.827	ng		97
28) bis(2-Chloroethoxy)met...	7.869	93	175566	53.271	ng		99
29) 2,4-Dichlorophenol	7.987	162	121118	56.775	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	134710	54.719	ng		98
31) Naphthalene	8.145	128	440032	53.949	ng		99
32) Benzoic acid	7.939	122	47434	36.348	ng		95
33) 4-Chloroaniline	8.198	127	73400	26.808	ng		97
34) Hexachlorobutadiene	8.251	225	83173	55.778	ng		98
35) Caprolactam	8.581	113	34317m	53.911	ng		
36) 4-Chloro-3-methylphenol	8.692	107	140491	57.625	ng		98
37) 2-Methylnaphthalene	8.834	142	289618	56.223	ng		99
38) 1-Methylnaphthalene	8.934	142	264251	52.350	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	123047	53.234	ng		98
41) Hexachlorocyclopentadiene	8.981	237	61057	98.074	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	76867	54.542	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	82669	53.657	ng		99
46) 1,1'-Biphenyl	9.298	154	336474	51.632	ng		99
47) 2-Chloronaphthalene	9.322	162	267464	55.184	ng		100
48) 2-Nitroaniline	9.428	65	98257	59.800	ng		95
49) Acenaphthylene	9.739	152	409816	59.617	ng		99
50) Dimethylphthalate	9.598	163	314740	59.156	ng		99
51) 2,6-Dinitrotoluene	9.669	165	66821	55.650	ng	#	84
52) Acenaphthene	9.910	154	251323	54.388	ng		100
53) 3-Nitroaniline	9.839	138	47202	38.027	ng		95
54) 2,4-Dinitrophenol	9.957	184	48921	88.507	ng	#	76
55) Dibenzofuran	10.081	168	369904	56.708	ng		98
56) 4-Nitrophenol	10.022	139	60706	81.326	ng		85
57) 2,4-Dinitrotoluene	10.081	165	88470	57.750	ng	#	80
58) Fluorene	10.422	166	296241	57.031	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	65161	55.321	ng		95
60) Diethylphthalate	10.298	149	303805	60.222	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	144737	56.655	ng		95
62) 4-Nitroaniline	10.463	138	61020m	51.729	ng		
63) Azobenzene	10.575	77	311709	55.711	ng		96
65) 4,6-Dinitro-2-methylph...	10.492	198	42783	54.979	ng		96
66) n-Nitrosodiphenylamine	10.533	169	245761	61.641	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	82656	59.853	ng		98
68) Hexachlorobenzene	10.969	284	82588	57.921	ng		97
69) Atrazine	11.063	200	72830	70.801	ng		99
70) Pentachlorophenol	11.175	266	47286	73.573	ng		97
71) Phenanthrene	11.386	178	382362	58.217	ng		100
72) Anthracene	11.439	178	393434	60.806	ng		100
73) Carbazole	11.598	167	312395	55.962	ng		99
74) Di-n-butylphthalate	11.916	149	406712	64.811	ng		99
75) Fluoranthene	12.574	202	325362	53.064	ng		98
77) Benzidine	12.698	184	74948	44.370	ng		98
78) Pyrene	12.804	202	318604	47.916	ng		100
80) Butylbenzylphthalate	13.410	149	129767	60.944	ng		97
81) Benzo(a)anthracene	13.992	228	270259	55.573	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	65271	52.447	ng		99
83) Chrysene	14.027	228	247175	56.336	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	169727	54.435	ng		97
85) Di-n-octyl phthalate	14.574	149	296655	51.424	ng		99
87) Indeno(1,2,3-cd)pyrene	16.939	276	197678	40.316	ng		97
88) Benzo(b)fluoranthene	15.039	252	245592	57.904	ng		99
89) Benzo(k)fluoranthene	15.068	252	237431	64.656	ng		98
90) Benzo(a)pyrene	15.404	252	219386	61.494	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	161387	40.097	ng		97
92) Benzo(g,h,i)perylene	17.386	276	141364	33.846	ng		97

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

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