Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138677.D
Acq On : 29 Jul 2024 19:16
Operator : RC/JU
Sample : P3362-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 30 01:01:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
72-11978MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	93096	20.000	ng		-0.02
21) Naphthalene-d8	8.134	136	356439	20.000	ng		-0.02
39) Acenaphthene-d10	9.892	164	156681	20.000	ng		-0.01
64) Phenanthrene-d10	11.381	188	215112	20.000	ng		0.00
76) Chrysene-d12	14.022	240	152780	20.000	ng		# 0.00
86) Perylene-d12	15.486	264	121712	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	683161	116.220	ng		0.00
7) Phenol-d6	6.493	99	901727	115.315	ng		-0.01
23) Nitrobenzene-d5	7.416	82	579344	79.802	ng		-0.02
42) 2,4,6-Tribromophenol	10.686	330	142010	96.979	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	889066	88.685	ng		-0.02
79) Terphenyl-d14	12.963	244	737827	78.676	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	111992	43.018	ng		96
3) Pyridine	3.458	79	286693	44.655	ng		94
4) n-Nitrosodimethylamine	3.410	42	193971	46.411	ng		86
6) Aniline	6.516	93	140025	19.118	ng	#	1
8) 2-Chlorophenol	6.640	128	310604	49.972	ng		99
9) Benzaldehyde	6.398	77	21667	5.177	ng		96
10) Phenol	6.510	94	395595	47.661	ng		98
11) bis(2-Chloroethyl)ether	6.587	93	312540	50.012	ng		98
12) 1,3-Dichlorobenzene	6.793	146	323247	46.267	ng		97
13) 1,4-Dichlorobenzene	6.869	146	324811	45.782	ng		98
14) 1,2-Dichlorobenzene	7.016	146	305859	46.287	ng		97
15) Benzyl Alcohol	6.998	79	288458	49.154	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	549257	44.694	ng		70
17) 2-Methylphenol	7.110	107	242851	47.674	ng	#	93
18) Hexachloroethane	7.357	117	109461	41.968	ng		95
19) n-Nitroso-di-n-propyla...	7.263	70	231403	47.891	ng		94
20) 3+4-Methylphenols	7.263	107	305874	47.683	ng		93
22) Acetophenone	7.263	105	392653	45.357	ng		98
24) Nitrobenzene	7.434	77	340889	46.206	ng		97
25) Isophorone	7.675	82	613741	49.228	ng		99
26) 2-Nitrophenol	7.751	139	147823	46.749	ng		98
27) 2,4-Dimethylphenol	7.787	122	202913	52.212	ng		99
28) bis(2-Chloroethoxy)met...	7.881	93	377183	50.622	ng		98
29) 2,4-Dichlorophenol	7.998	162	230142	45.602	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	255894	43.526	ng		99
31) Naphthalene	8.157	128	854270	46.083	ng		100
32) Benzoic acid	7.922	122	114809m	30.974	ng		
33) 4-Chloroaniline	8.204	127	72592	11.161	ng		98
34) Hexachlorobutadiene	8.263	225	149528	41.303	ng		98
35) Caprolactam	8.587	113	64252m	39.454	ng		
36) 4-Chloro-3-methylphenol	8.704	107	245574	43.465	ng		100
37) 2-Methylnaphthalene	8.845	142	521256	43.695	ng		99
38) 1-Methylnaphthalene	8.945	142	474057	40.717	ng		98
40) 1,2,4,5-Tetrachloroben...	9.016	216	210573	48.221	ng		100
41) Hexachlorocyclopentadiene	8.998	237	40676	28.698	ng		99
43) 2,4,6-Trichlorophenol	9.134	196	133827	48.044	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	135221	44.136	ng		94
46) 1,1'-Biphenyl	9.316	154	582132	49.026	ng		99
47) 2-Chloronaphthalene	9.339	162	439855	49.035	ng		99
48) 2-Nitroaniline	9.439	65	155282	49.954	ng		98
49) Acenaphthylene	9.757	152	664266	52.158	ng		100
50) Dimethylphthalate	9.616	163	543127	53.609	ng		99
51) 2,6-Dinitrotoluene	9.681	165	106978	45.860	ng		93
52) Acenaphthene	9.928	154	410270	48.463	ng		99
53) 3-Nitroaniline	9.851	138	70845	29.632	ng		97
54) 2,4-Dinitrophenol	9.963	184	30255	27.424	ng		94
55) Dibenzofuran	10.098	168	574728	46.805	ng		99
56) 4-Nitrophenol	10.022	139	127496	72.272	ng		95
57) 2,4-Dinitrotoluene	10.086	165	124183	41.145	ng		93
58) Fluorene	10.439	166	427120	43.961	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	100633	41.620	ng		97
60) Diethylphthalate	10.316	149	481908	49.341	ng		99
61) 4-Chlorophenyl-phenyle...	10.434	204	208871	42.812	ng		95
62) 4-Nitroaniline	10.463	138	86953	36.294	ng		95
63) Azobenzene	10.592	77	469217	44.684	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	27642	22.255	ng		77
66) n-Nitrosodiphenylamine	10.551	169	359606	55.797	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	115642	52.304	ng		100
68) Hexachlorobenzene	10.986	284	120238	48.953	ng		96
69) Atrazine	11.081	200	100074	46.834	ng		99
70) Pentachlorophenol	11.186	266	127559	87.766	ng		97
71) Phenanthrene	11.404	178	695046	63.956	ng		99
72) Anthracene	11.457	178	603326	55.926	ng		100
73) Carbazole	11.616	167	503107	51.895	ng		99
74) Di-n-butylphthalate	11.939	149	621625	55.627	ng		100
75) Fluoranthene	12.598	202	1053941	95.042	ng		97
77) Benzidine	12.716	184	94639	24.552	ng		99
78) Pyrene	12.827	202	1042211	67.199	ng		99
80) Butylbenzylphthalate	13.439	149	278684	59.733	ng		99
81) Benzo(a)anthracene	14.010	228	720636	70.295	ng		98
82) 3,3'-Dichlorobenzidine	13.974	252	104946	39.729	ng	#	97
83) Chrysene	14.051	228	602887	62.166	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	387833	77.944	ng		99
85) Di-n-octyl phthalate	14.610	149	649912	82.681	ng		100
87) Indeno(1,2,3-cd)pyrene	16.968	276	454411	55.583	ng		99
88) Benzo(b)fluoranthene	15.063	252	520594	75.950	ng		99
89) Benzo(k)fluoranthene	15.092	252	426076m	63.735	ng		
90) Benzo(a)pyrene	15.427	252	386742	64.228	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	340987	50.988	ng		97
92) Benzo(g,h,i)perylene	17.415	276	347895	49.058	ng		95

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

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