Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138626.D
Acq On : 23 Jul 2024 19:06
Operator : RC/JU
Sample : P3302-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
285-290MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 24 01:15:06 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	76110	20.000	ng		-0.02
21) Naphthalene-d8	8.139	136	307390	20.000	ng		-0.01
39) Acenaphthene-d10	9.892	164	157764	20.000	ng		-0.01
64) Phenanthrene-d10	11.374	188	218173	20.000	ng		-0.01
76) Chrysene-d12	14.010	240	121691	20.000	ng		-0.02
86) Perylene-d12	15.468	264	111117	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	545388	113.489	ng		0.00
7) Phenol-d6	6.498	99	754751	118.060	ng		0.00
23) Nitrobenzene-d5	7.422	82	480111	76.685	ng		-0.01
42) 2,4,6-Tribromophenol	10.680	330	150989	102.403	ng		-0.01
45) 2-Fluorobiphenyl	9.210	172	800558	79.308	ng		-0.02
79) Terphenyl-d14	12.951	244	532093	71.233	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	98075	46.079	ng		96
3) Pyridine	3.463	79	259028	49.350	ng		96
4) n-Nitrosodimethylamine	3.434	42	187328	54.825	ng		91
6) Aniline	6.516	93	168480	28.137	ng	#	1
8) 2-Chlorophenol	6.645	128	292356	57.534	ng		99
9) Benzaldehyde	6.404	77	24987	7.302	ng		97
10) Phenol	6.510	94	373253	55.005	ng		94
11) bis(2-Chloroethyl)ether	6.592	93	289311	56.627	ng		98
12) 1,3-Dichlorobenzene	6.792	146	298409	52.244	ng		97
13) 1,4-Dichlorobenzene	6.869	146	300508	51.809	ng		98
14) 1,2-Dichlorobenzene	7.022	146	288187	53.346	ng		96
15) Benzyl Alcohol	6.998	79	279092	58.171	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	506293	50.392	ng		78
17) 2-Methylphenol	7.116	107	229962	55.219	ng	#	91
18) Hexachloroethane	7.363	117	113869	53.401	ng		95
19) n-Nitroso-di-n-propyla...	7.269	70	220497	55.819	ng		95
20) 3+4-Methylphenols	7.269	107	291855	55.652	ng		90
22) Acetophenone	7.263	105	373945	50.089	ng	#	99
24) Nitrobenzene	7.439	77	332035	52.188	ng		97
25) Isophorone	7.681	82	597420	55.565	ng		99
26) 2-Nitrophenol	7.757	139	154172	56.537	ng		97
27) 2,4-Dimethylphenol	7.792	122	195735m	58.402	ng		
28) bis(2-Chloroethoxy)met...	7.886	93	356430	55.470	ng		98
29) 2,4-Dichlorophenol	7.998	162	229302	52.686	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	248625	49.038	ng		98
31) Naphthalene	8.157	128	836761	52.341	ng		99
32) Benzoic acid	7.934	122	136669	42.755	ng		97
33) 4-Chloroaniline	8.210	127	60840	10.846	ng		98
34) Hexachlorobutadiene	8.269	225	147295	47.178	ng		100
35) Caprolactam	8.586	113	68456m	48.743	ng		
36) 4-Chloro-3-methylphenol	8.698	107	259038	53.164	ng		99
37) 2-Methylnaphthalene	8.851	142	525277	51.058	ng		99
38) 1-Methylnaphthalene	8.945	142	483993	48.204	ng		98
40) 1,2,4,5-Tetrachloroben...	9.016	216	218276	49.642	ng		99
41) Hexachlorocyclopentadiene	8.998	237	139632	97.838	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	147402	52.554	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	152740	49.512	ng		95
46) 1,1'-Biphenyl	9.316	154	605237	50.622	ng		99
47) 2-Chloronaphthalene	9.339	162	472983	52.366	ng		98
48) 2-Nitroaniline	9.439	65	174872	55.870	ng		96
49) Acenaphthylene	9.757	152	741042	57.787	ng		100
50) Dimethylphthalate	9.616	163	566763	55.558	ng		100
51) 2,6-Dinitrotoluene	9.680	165	122126	51.995	ng		90
52) Acenaphthene	9.927	154	460927	54.073	ng		100
53) 3-Nitroaniline	9.845	138	71801	29.825	ng		88
54) 2,4-Dinitrophenol	9.957	184	96832	77.001	ng		94
55) Dibenzofuran	10.098	168	641277	51.866	ng		99
56) 4-Nitrophenol	10.022	139	148698	83.712	ng		98
57) 2,4-Dinitrotoluene	10.086	165	153131	50.388	ng		91
58) Fluorene	10.439	166	492816	50.374	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	115479	47.432	ng		97
60) Diethylphthalate	10.310	149	531748	54.070	ng		98
61) 4-Chlorophenyl-phenyle...	10.427	204	244800	49.832	ng		92
62) 4-Nitroaniline	10.463	138	104547	43.338	ng		98
63) Azobenzene	10.592	77	564168	53.357	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	72810	57.797	ng		85
66) n-Nitrosodiphenylamine	10.551	169	426375	65.229	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	137902	61.497	ng		96
68) Hexachlorobenzene	10.986	284	142570	57.231	ng		95
69) Atrazine	11.074	200	119696	55.231	ng		97
70) Pentachlorophenol	11.180	266	128032	86.855	ng		98
71) Phenanthrene	11.398	178	615795	55.868	ng		99
72) Anthracene	11.451	178	615421	56.247	ng		99
73) Carbazole	11.604	167	489658	49.799	ng		99
74) Di-n-butylphthalate	11.933	149	692295	61.082	ng		99
75) Fluoranthene	12.586	202	492220	43.764	ng		97
77) Benzidine	12.704	184	107738	35.091	ng		99
78) Pyrene	12.816	202	491229	39.765	ng		99
80) Butylbenzylphthalate	13.427	149	223321	60.096	ng		96
81) Benzo(a)anthracene	13.998	228	477001	58.417	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	86582	41.150	ng		99
83) Chrysene	14.039	228	409994	53.077	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	296393	74.785	ng	#	99
85) Di-n-octyl phthalate	14.598	149	527869	84.311	ng		100
87) Indeno(1,2,3-cd)pyrene	16.933	276	272823	36.553	ng		99
88) Benzo(b)fluoranthene	15.045	252	442877	70.772	ng		99
89) Benzo(k)fluoranthene	15.074	252	365551	59.895	ng		99
90) Benzo(a)pyrene	15.409	252	331277	60.263	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	221772	36.324	ng		98
92) Benzo(g,h,i)perylene	17.374	276	208584	32.218	ng		97

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

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