Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138625.D
Acq On : 23 Jul 2024 18:35
Operator : RC/JU
Sample : P3302-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 24 01:14:26 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 :
285-290MS

Manual Integrations APPROVED

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

Supervised By :mohammad ahmed
07/25/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	78868	20.000	ng		-0.02
21) Naphthalene-d8	8.139	136	318489	20.000	ng		-0.01
39) Acenaphthene-d10	9.892	164	167760	20.000	ng		-0.01
64) Phenanthrene-d10	11.374	188	234025	20.000	ng		-0.01
76) Chrysene-d12	14.010	240	128322	20.000	ng		-0.02
86) Perylene-d12	15.468	264	123413	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	542031	108.846	ng		0.00
7) Phenol-d6	6.498	99	745870	112.591	ng		0.00
23) Nitrobenzene-d5	7.422	82	480592	74.087	ng		-0.01
42) 2,4,6-Tribromophenol	10.680	330	156129	99.579	ng		-0.01
45) 2-Fluorobiphenyl	9.210	172	807125	75.194	ng		-0.02
79) Terphenyl-d14	12.957	244	530135	67.304	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	97733	44.313	ng		97
3) Pyridine	3.463	79	258730	47.569	ng		97
4) n-Nitrosodimethylamine	3.428	42	186829	52.767	ng		93
6) Aniline	6.516	93	170845	27.534	ng	#	1
8) 2-Chlorophenol	6.645	128	291380	55.336	ng		99
9) Benzaldehyde	6.404	77	24871	7.014	ng		96
10) Phenol	6.510	94	372705	53.004	ng		95
11) bis(2-Chloroethyl)ether	6.592	93	282111	53.287	ng		99
12) 1,3-Dichlorobenzene	6.792	146	295771	49.971	ng		97
13) 1,4-Dichlorobenzene	6.875	146	299101	49.763	ng		99
14) 1,2-Dichlorobenzene	7.022	146	287713	51.396	ng		97
15) Benzyl Alcohol	6.998	79	279125	56.144	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	503209	48.334	ng		78
17) 2-Methylphenol	7.116	107	226948	52.589	ng	#	90
18) Hexachloroethane	7.363	117	114170	51.670	ng		96
19) n-Nitroso-di-n-propyla...	7.269	70	219044	53.512	ng		95
20) 3+4-Methylphenols	7.269	107	292480	53.821	ng		90
22) Acetophenone	7.263	105	371471	48.023	ng		99
24) Nitrobenzene	7.439	77	333877	50.648	ng		98
25) Isophorone	7.681	82	593834	53.307	ng		99
26) 2-Nitrophenol	7.757	139	152419	53.947	ng		96
27) 2,4-Dimethylphenol	7.792	122	199151m	57.350	ng		
28) bis(2-Chloroethoxy)met...	7.886	93	355142	53.344	ng		97
29) 2,4-Dichlorophenol	7.998	162	228838	50.747	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	249848	47.561	ng		98
31) Naphthalene	8.157	128	832334	50.250	ng		99
32) Benzoic acid	7.933	122	135060	40.779	ng		95
33) 4-Chloroaniline	8.210	127	62210	10.704	ng		98
34) Hexachlorobutadiene	8.269	225	146079	45.158	ng		99
35) Caprolactam	8.586	113	69385m	47.683	ng		
36) 4-Chloro-3-methylphenol	8.698	107	261735	51.845	ng		98
37) 2-Methylnaphthalene	8.851	142	520376	48.819	ng		99
38) 1-Methylnaphthalene	8.951	142	481950	46.328	ng		98
40) 1,2,4,5-Tetrachloroben...	9.016	216	219532	46.953	ng		99
41) Hexachlorocyclopentadiene	8.998	237	153901	101.410	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	149361	50.080	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	153779	46.879	ng		95
46) 1,1'-Biphenyl	9.316	154	614624	48.344	ng		99
47) 2-Chloronaphthalene	9.339	162	472642	49.210	ng		98
48) 2-Nitroaniline	9.439	65	175308	52.672	ng		97
49) Acenaphthylene	9.757	152	747129	54.790	ng		100
50) Dimethylphthalate	9.616	163	575518	53.054	ng		99
51) 2,6-Dinitrotoluene	9.680	165	124062	49.672	ng		90
52) Acenaphthene	9.927	154	468438	51.679	ng		99
53) 3-Nitroaniline	9.845	138	71654	27.991	ng		89
54) 2,4-Dinitrophenol	9.957	184	100297	75.125	ng		94
55) Dibenzofuran	10.098	168	653357	49.695	ng		99
56) 4-Nitrophenol	10.022	139	151484	80.199	ng		99
57) 2,4-Dinitrotoluene	10.086	165	157230	48.654	ng		94
58) Fluorene	10.439	166	505047	48.548	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	117369	45.336	ng		97
60) Diethylphthalate	10.310	149	538042	51.450	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	246622	47.211	ng		92
62) 4-Nitroaniline	10.463	138	107195	41.788	ng		99
63) Azobenzene	10.592	77	574131	51.064	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	77071	57.035	ng		83
66) n-Nitrosodiphenylamine	10.551	169	432629	61.702	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	140862	58.562	ng		99
68) Hexachlorobenzene	10.986	284	146157	54.696	ng		96
69) Atrazine	11.074	200	124331	53.484	ng		98
70) Pentachlorophenol	11.180	266	130067	82.259	ng		98
71) Phenanthrene	11.398	178	637962	53.959	ng		99
72) Anthracene	11.451	178	632384	53.882	ng		99
73) Carbazole	11.610	167	494706	46.904	ng		99
74) Di-n-butylphthalate	11.933	149	706960	58.151	ng		99
75) Fluoranthene	12.586	202	501851	41.598	ng		98
77) Benzidine	12.710	184	103073	31.837	ng		99
78) Pyrene	12.816	202	497822	38.216	ng		100
80) Butylbenzylphthalate	13.427	149	221257	56.463	ng		95
81) Benzo(a)anthracene	13.998	228	470848	54.684	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	77576	34.965	ng	#	97
83) Chrysene	14.039	228	416045	51.077	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	295540	70.716	ng		98
85) Di-n-octyl phthalate	14.598	149	532544	80.662	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	274952	33.168	ng		99
88) Benzo(b)fluoranthene	15.045	252	453078	65.189	ng		100
89) Benzo(k)fluoranthene	15.074	252	386930	57.082	ng		99
90) Benzo(a)pyrene	15.409	252	346563	56.762	ng		100
91) Dibenzo(a,h)anthracene	16.951	278	222041	32.744	ng		99
92) Benzo(g,h,i)perylene	17.374	276	205760	28.615	ng		98

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

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