Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013024\
Data File : BF137192.D
Acq On : 30 Jan 2024 11:53
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 04:47:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:44:18 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	55478	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	220205	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	130020	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	261867	20.000	ng		0.00
76) Chrysene-d12	13.974	240	190903	20.000	ng		0.00
86) Perylene-d12	15.451	264	140499	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	22545	6.706	ng		0.00
7) Phenol-d6	6.422	99	40314	8.402	ng		0.00
23) Nitrobenzene-d5	7.351	82	39873	8.107	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	12814	8.727	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	96331	10.185	ng		0.00
79) Terphenyl-d14	12.916	244	125324	8.924	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	8711	4.842	ng		98
3) Pyridine	3.351	79	7174m	4.881	ng		
6) Aniline	6.463	93	16590m	3.230	ng		
8) 2-Chlorophenol	6.575	128	15643	4.161	ng		96
9) Benzaldehyde	6.351	77	7657	4.328	ng		97
10) Phenol	6.434	94	21769	4.065	ng		92
11) bis(2-Chloroethyl)ether	6.534	93	15129	4.227	ng		81
12) 1,3-Dichlorobenzene	6.734	146	20453	4.640	ng		97
13) 1,4-Dichlorobenzene	6.810	146	20588	4.517	ng		96
14) 1,2-Dichlorobenzene	6.963	146	20169	4.732	ng		95
15) Benzyl Alcohol	6.939	79	10427	3.059	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	32360	5.019	ng		98
17) 2-Methylphenol	7.039	107	13192	4.200	ng		98
18) Hexachloroethane	7.298	117	7704	4.686	ng	#	85
19) n-Nitroso-di-n-propyla...	7.192	70	15216	4.625	ng	#	91
20) 3+4-Methylphenols	7.198	107	15631	3.932	ng	#	55
22) Acetophenone	7.198	105	25750	4.344	ng	#	92
24) Nitrobenzene	7.369	77	19025	3.985	ng		99
25) Isophorone	7.604	82	44276	4.877	ng		97
26) 2-Nitrophenol	7.692	139	4507	4.764	ng		91
27) 2,4-Dimethylphenol	7.728	122	11528	4.443	ng		90
28) bis(2-Chloroethoxy)met...	7.828	93	20945	4.345	ng		99
29) 2,4-Dichlorophenol	7.928	162	13300	4.132	ng		96
30) 1,2,4-Trichlorobenzene	8.010	180	19731	4.935	ng		94
31) Naphthalene	8.092	128	58133	4.883	ng		100
33) 4-Chloroaniline	8.151	127	14137	3.452	ng		92
34) Hexachlorobutadiene	8.210	225	13099	4.927	ng		92
35) Caprolactam	8.469	113	4001m	3.997	ng		
36) 4-Chloro-3-methylphenol	8.622	107	16170	4.253	ng		96
37) 2-Methylnaphthalene	8.781	142	38425	4.815	ng		98
38) 1-Methylnaphthalene	8.880	142	36868	4.974	ng		97
40) 1,2,4,5-Tetrachloroben...	8.945	216	20862	4.795	ng		98
41) Hexachlorocyclopentadiene	8.933	237	7225	3.487	ng		82
43) 2,4,6-Trichlorophenol	9.063	196	10065m	4.079	ng		
44) 2,4,5-Trichlorophenol	9.098	196	10556	3.914	ng		87
46) 1,1'-Biphenyl	9.251	154	50711	4.902	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.269	162	37588	4.910	ng		97
48) 2-Nitroaniline	9.375	65	7905	3.190	ng		95
49) Acenaphthylene	9.686	152	59128	4.824	ng		96
50) Dimethylphthalate	9.545	163	42415	4.829	ng		98
51) 2,6-Dinitrotoluene	9.610	165	7217	3.853	ng		96
52) Acenaphthene	9.857	154	35325	4.904	ng		98
53) 3-Nitroaniline	9.786	138	5783m	3.431	ng		
55) Dibenzofuran	10.033	168	55836	4.872	ng		99
57) 2,4-Dinitrotoluene	10.010	165	8446	3.475	ng	#	98
58) Fluorene	10.375	166	45312	5.044	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	11759m	4.685	ng		
60) Diethylphthalate	10.251	149	40706	4.707	ng		96
61) 4-Chlorophenyl-phenyle...	10.375	204	22537	5.047	ng		92
62) 4-Nitroaniline	10.410	138	4993m	3.095	ng		
63) Azobenzene	10.533	77	46084	4.811	ng		96
66) n-Nitrosodiphenylamine	10.492	169	36716	4.611	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	12989	4.511	ng		93
68) Hexachlorobenzene	10.922	284	15955	4.961	ng		94
69) Atrazine	11.016	200	11485	4.369	ng		94
71) Phenanthrene	11.339	178	67240	4.905	ng		98
72) Anthracene	11.392	178	66896	4.682	ng		97
73) Carbazole	11.551	167	54649	4.576	ng		96
74) Di-n-butylphthalate	11.892	149	57897	4.485	ng		98
75) Fluoranthene	12.533	202	72062	5.023	ng		98
78) Pyrene	12.763	202	78094	4.257	ng		99
80) Butylbenzylphthalate	13.398	149	17697	3.771	ng		95
81) Benzo(a)anthracene	13.963	228	63911	4.727	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	16550	4.493	ng		93
83) Chrysene	13.998	228	64650	4.864	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	21122	3.869	ng		95
87) Indeno(1,2,3-cd)pyrene	16.945	276	34669	3.512	ng		98
88) Benzo(b)fluoranthene	15.015	252	44236	5.120	ng	#	95
89) Benzo(k)fluoranthene	15.045	252	44557	4.875	ng		95
90) Benzo(a)pyrene	15.386	252	38381	4.720	ng	#	94
91) Dibenzo(a,h)anthracene	16.974	278	28082	3.551	ng		97
92) Benzo(g,h,i)perylene	17.386	276	28034	3.611	ng		98

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

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