Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
Data File : BF140942.D
Acq On : 20 Dec 2024 11:15
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 11:51:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	74814	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	271589	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	162319	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	282660	20.000	ng		0.00
76) Chrysene-d12	14.033	240	164316	20.000	ng		0.00
86) Perylene-d12	15.533	264	129329	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	330518	72.726	ng		0.00
7) Phenol-d6	6.504	99	446954	74.251	ng		0.00
23) Nitrobenzene-d5	7.422	82	418009	77.004	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	139243	72.531	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	869766	73.670	ng		0.00
79) Terphenyl-d14	12.963	244	915592	87.865	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	75034	38.331	ng		95
3) Pyridine	3.399	79	176528	38.939	ng		96
4) n-Nitrosodimethylamine	3.357	42	81320	35.583	ng		89
6) Aniline	6.522	93	192218	37.347	ng		98
8) 2-Chlorophenol	6.645	128	193264	38.996	ng		98
9) Benzaldehyde	6.410	77	119045	35.692	ng		97
10) Phenol	6.522	94	233567	37.438	ng		99
11) bis(2-Chloroethyl)ether	6.587	93	173020	37.188	ng		99
12) 1,3-Dichlorobenzene	6.792	146	220709	39.082	ng		97
13) 1,4-Dichlorobenzene	6.869	146	219984	38.376	ng		99
14) 1,2-Dichlorobenzene	7.022	146	208631	38.575	ng		98
15) Benzyl Alcohol	7.004	79	161378	37.495	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	197110	35.963	ng		85
17) 2-Methylphenol	7.122	107	150732	38.095	ng		99
18) Hexachloroethane	7.357	117	77896	36.502	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	128495	35.587	ng		97
20) 3+4-Methylphenols	7.275	107	202109	38.521	ng	#	85
22) Acetophenone	7.263	105	263844	38.835	ng		95
24) Nitrobenzene	7.439	77	207460	37.305	ng		95
25) Isophorone	7.675	82	346209	38.063	ng		99
26) 2-Nitrophenol	7.751	139	107352	41.913	ng		94
27) 2,4-Dimethylphenol	7.792	122	120407	40.254	ng		97
28) bis(2-Chloroethoxy)met...	7.881	93	220781	38.864	ng		98
29) 2,4-Dichlorophenol	8.004	162	162546	39.361	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	187702	39.649	ng		98
31) Naphthalene	8.151	128	585851	39.270	ng		100
32) Benzoic acid	7.951	122	98174	34.606	ng		96
33) 4-Chloroaniline	8.210	127	194369	39.228	ng		97
34) Hexachlorobutadiene	8.263	225	121955	38.289	ng		100
35) Caprolactam	8.598	113	45564	37.061	ng		92
36) 4-Chloro-3-methylphenol	8.704	107	173656	37.361	ng		100
37) 2-Methylnaphthalene	8.845	142	377796	38.282	ng		99
38) 1-Methylnaphthalene	8.945	142	368550	37.761	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	186337	37.349	ng		99
41) Hexachlorocyclopentadiene	8.992	237	38088	34.773	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	110669	36.226	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	119664	35.638	ng	98
46) 1,1'-Biphenyl	9.310	154	483766	37.480	ng	99
47) 2-Chloronaphthalene	9.334	162	374124	37.889	ng	100
48) 2-Nitroaniline	9.439	65	105588	35.406	ng	92
49) Acenaphthylene	9.751	152	565101	38.943	ng	100
50) Dimethylphthalate	9.604	163	425243	37.159	ng	99
51) 2,6-Dinitrotoluene	9.681	165	103210	39.451	ng	92
52) Acenaphthene	9.922	154	359395	38.772	ng	100
53) 3-Nitroaniline	9.857	138	102644	39.535	ng	93
54) 2,4-Dinitrophenol	9.981	184	41330	36.272	ng	92
55) Dibenzofuran	10.092	168	545976	38.012	ng	99
56) 4-Nitrophenol	10.051	139	46328	35.773	ng	93
57) 2,4-Dinitrotoluene	10.092	165	132579	38.516	ng	94
58) Fluorene	10.439	166	440079	37.139	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	101821	37.214	ng	91
60) Diethylphthalate	10.304	149	426443	35.936	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	221428	37.200	ng	98
62) 4-Nitroaniline	10.475	138	100590m	37.076	ng	
63) Azobenzene	10.586	77	384375	34.454	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	64499	40.269	ng	95
66) n-Nitrosodiphenylamine	10.545	169	371501	42.748	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	129825	41.055	ng	96
68) Hexachlorobenzene	10.992	284	149493	41.697	ng	96
69) Atrazine	11.075	200	81196	33.453	ng	97
70) Pentachlorophenol	11.198	266	43633	33.287	ng	97
71) Phenanthrene	11.404	178	554743	38.164	ng	99
72) Anthracene	11.457	178	555785	38.826	ng	99
73) Carbazole	11.616	167	539092	38.449	ng	100
74) Di-n-butylphthalate	11.927	149	665945	40.470	ng	99
75) Fluoranthene	12.598	202	612458	36.586	ng	99
77) Benzidine	12.722	184	115361	34.399	ng	99
78) Pyrene	12.827	202	625636	42.817	ng	99
80) Butylbenzylphthalate	13.433	149	207238	38.545	ng	96
81) Benzo(a)anthracene	14.021	228	445495	38.254	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	128185	36.483	ng	97
83) Chrysene	14.063	228	420365	39.695	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	259339	37.409	ng	100
85) Di-n-octyl phthalate	14.616	149	336272	32.062	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	415125	51.437	ng	99
88) Benzo(b)fluoranthene	15.098	252	341178	38.004	ng	99
89) Benzo(k)fluoranthene	15.121	252	290595	37.736	ng	99
90) Benzo(a)pyrene	15.468	252	275845	39.241	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	345181	51.627	ng	98
92) Benzo(g,h,i)perylene	17.509	276	330062	48.503	ng	99

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

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