Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136540.D
Acq On : 13 Dec 2023 16:30
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 14 01:33:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
12/14/2023
Supervised By :mohammad ahmed
12/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	130944	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	520238	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	262931	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	477188	20.000	ng		0.00
76) Chrysene-d12	13.980	240	255601	20.000	ng		0.00
86) Perylene-d12	15.457	264	263722	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	637759	71.928	ng		0.00
7) Phenol-d6	6.445	99	805996	72.859	ng		0.00
23) Nitrobenzene-d5	7.363	82	730713	75.932	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	243475	75.101	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1486233	77.129	ng		0.00
79) Terphenyl-d14	12.921	244	1476667	76.147	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	128799	36.726	ng		96
3) Pyridine	3.322	79	342558	40.334	ng		93
4) n-Nitrosodimethylamine	3.293	42	135525	36.730	ng		99
6) Aniline	6.469	93	493197	44.115	ng		97
8) 2-Chlorophenol	6.587	128	362667	37.467	ng		98
9) Benzaldehyde	6.351	77	217719	38.636	ng		97
10) Phenol	6.457	94	430304	36.555	ng		89
11) bis(2-Chloroethyl)ether	6.540	93	330183	37.631	ng		97
12) 1,3-Dichlorobenzene	6.740	146	374139	34.370	ng		98
13) 1,4-Dichlorobenzene	6.816	146	376292	34.076	ng		98
14) 1,2-Dichlorobenzene	6.969	146	357272	34.406	ng		99
15) Benzyl Alcohol	6.945	79	284189	38.364	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	392473	34.778	ng		94
17) 2-Methylphenol	7.057	107	305223	39.030	ng		96
18) Hexachloroethane	7.304	117	135915	35.254	ng		99
19) n-Nitroso-di-n-propyla...	7.216	70	233223	36.547	ng		99
20) 3+4-Methylphenols	7.210	107	369924	38.110	ng		96
22) Acetophenone	7.210	105	481023	37.443	ng	#	98
24) Nitrobenzene	7.381	77	352859	36.449	ng		99
25) Isophorone	7.622	82	649113	37.544	ng		98
26) 2-Nitrophenol	7.692	139	190945	40.121	ng		99
27) 2,4-Dimethylphenol	7.739	122	288938	49.236	ng		99
28) bis(2-Chloroethoxy)met...	7.828	93	406836	38.294	ng		98
29) 2,4-Dichlorophenol	7.939	162	296811	38.318	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	327636	36.274	ng		96
31) Naphthalene	8.098	128	1057072	36.846	ng		99
32) Benzoic acid	7.869	122	229656m	39.449	ng		
33) 4-Chloroaniline	8.151	127	427153	41.764	ng		98
34) Hexachlorobutadiene	8.210	225	196074	36.629	ng		99
35) Caprolactam	8.534	113	89672	37.592	ng		91
36) 4-Chloro-3-methylphenol	8.639	107	310433	37.745	ng		96
37) 2-Methylnaphthalene	8.792	142	711611	38.989	ng		93
38) 1-Methylnaphthalene	8.886	142	659622	36.830	ng		97
40) 1,2,4,5-Tetrachloroben...	8.957	216	331838	40.566	ng		100
41) Hexachlorocyclopentadiene	8.939	237	141104	46.561	ng		100
43) 2,4,6-Trichlorophenol	9.069	196	207415	38.942	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	244325	41.100	ng		97
46) 1,1'-Biphenyl	9.257	154	869567	38.867	ng		98
47) 2-Chloronaphthalene	9.281	162	637390	36.604	ng		98
48) 2-Nitroaniline	9.381	65	181738	38.914	ng		91
49) Acenaphthylene	9.698	152	985014	39.709	ng		99
50) Dimethylphthalate	9.563	163	771257	39.842	ng		99
51) 2,6-Dinitrotoluene	9.628	165	168261	38.636	ng		89
52) Acenaphthene	9.869	154	602717	37.917	ng		98
53) 3-Nitroaniline	9.792	138	176532	39.695	ng		96
54) 2,4-Dinitrophenol	9.898	184	83539	37.940	ng	#	88
55) Dibenzofuran	10.039	168	906564	39.040	ng		99
56) 4-Nitrophenol	9.963	139	121995	36.593	ng		88
57) 2,4-Dinitrotoluene	10.028	165	217726	37.792	ng		93
58) Fluorene	10.386	166	703107	37.719	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	183024	38.436	ng		100
60) Diethylphthalate	10.263	149	737415	38.740	ng		100
61) 4-Chlorophenyl-phenyle...	10.375	204	357451	39.336	ng		98
62) 4-Nitroaniline	10.410	138	172955	39.167	ng		95
63) Azobenzene	10.539	77	652821	37.679	ng		97
65) 4,6-Dinitro-2-methylph...	10.439	198	122918	41.593	ng		93
66) n-Nitrosodiphenylamine	10.498	169	625198	40.831	ng		98
67) 4-Bromophenyl-phenylether	10.869	248	225730	40.686	ng		95
68) Hexachlorobenzene	10.933	284	237024	36.964	ng		94
69) Atrazine	11.027	200	163212	37.346	ng		97
70) Pentachlorophenol	11.127	266	129913	35.897	ng		98
71) Phenanthrene	11.351	178	1023289	39.015	ng		99
72) Anthracene	11.404	178	1053057	39.862	ng		99
73) Carbazole	11.557	167	859416	36.756	ng		98
74) Di-n-butylphthalate	11.892	149	1116601	38.955	ng		99
75) Fluoranthene	12.545	202	970223	35.299	ng		98
77) Benzidine	12.669	184	149951	30.509	ng		97
78) Pyrene	12.774	202	950086	37.954	ng		98
80) Butylbenzylphthalate	13.398	149	362259	40.652	ng		96
81) Benzo(a)anthracene	13.968	228	690036	38.757	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	232102	46.495	ng		99
83) Chrysene	14.004	228	668966	38.190	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	476633	43.631	ng	#	97
85) Di-n-octyl phthalate	14.580	149	762822	47.274	ng		99
87) Indeno(1,2,3-cd)pyrene	16.968	276	777097	42.415	ng		99
88) Benzo(b)fluoranthene	15.021	252	637912	35.378	ng		97
89) Benzo(k)fluoranthene	15.051	252	588077	34.607	ng		98
90) Benzo(a)pyrene	15.398	252	600788	40.345	ng		98
91) Dibenzo(a,h)anthracene	16.986	278	651862	43.430	ng		99
92) Benzo(g,h,i)perylene	17.427	276	651790	42.308	ng		99

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

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