Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138240.D
Acq On : 19 Jun 2024 11:01
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 19 11:47:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	325697	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1279007	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	703652	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1218336	20.000	ng	0.00
76) Chrysene-d12	14.051	240	666772	20.000	ng	0.00
86) Perylene-d12	15.521	264	669856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1518540	77.994	ng	0.00
7) Phenol-d6	6.522	99	1857669	75.244	ng	0.00
23) Nitrobenzene-d5	7.463	82	1687350	76.803	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	558193	79.685	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3105141	70.172	ng	0.00
79) Terphenyl-d14	12.998	244	3278306	77.872	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	334701	37.565	ng	99
3) Pyridine	3.446	79	826049	39.008	ng	98
4) n-Nitrosodimethylamine	3.410	42	359645	36.696	ng	93
6) Aniline	6.557	93	927263	38.385	ng	99
8) 2-Chlorophenol	6.681	128	816476	38.788	ng	98
9) Benzaldehyde	6.445	77	552341	42.123	ng	99
10) Phenol	6.534	94	964554m	38.498	ng	
11) bis(2-Chloroethyl)ether	6.634	93	774916	38.645	ng	100
12) 1,3-Dichlorobenzene	6.834	146	896055	37.457	ng	99
13) 1,4-Dichlorobenzene	6.910	146	907601	37.701	ng	99
14) 1,2-Dichlorobenzene	7.069	146	846334	37.449	ng	98
15) Benzyl Alcohol	7.034	79	662015	39.769	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1063889	37.593	ng	98
17) 2-Methylphenol	7.145	107	647000	38.958	ng	97
18) Hexachloroethane	7.404	117	328896	40.326	ng	91
19) n-Nitroso-di-n-propyla...	7.310	70	550692	37.630	ng	100
20) 3+4-Methylphenols	7.298	107	786709	37.636	ng	96
22) Acetophenone	7.304	105	1043308	35.708	ng	98
24) Nitrobenzene	7.481	77	864501	38.072	ng	92
25) Isophorone	7.716	82	1511411	38.033	ng	100
26) 2-Nitrophenol	7.792	139	436526	47.809	ng	98
27) 2,4-Dimethylphenol	7.828	122	504657	36.329	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	955905	38.427	ng	99
29) 2,4-Dichlorophenol	8.033	162	692269	38.708	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	791381	37.521	ng	99
31) Naphthalene	8.198	128	2327813	36.807	ng	100
32) Benzoic acid	7.945	122	567451m	46.348	ng	
33) 4-Chloroaniline	8.245	127	877411	37.119	ng	99
34) Hexachlorobutadiene	8.316	225	468763	38.002	ng	99
35) Caprolactam	8.622	113	214623	39.750	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	694388	38.996	ng	97
37) 2-Methylnaphthalene	8.886	142	1544520	37.211	ng	100
38) 1-Methylnaphthalene	8.986	142	1511822	37.169	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	755141	36.725	ng	100
41) Hexachlorocyclopentadiene	9.039	237	282911	42.196	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	504797	39.208	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	547250	38.705	ng		97
46) 1,1'-Biphenyl	9.351	154	1897083	36.742	ng		99
47) 2-Chloronaphthalene	9.375	162	1510849	37.025	ng		99
48) 2-Nitroaniline	9.469	65	421724	42.914	ng		99
49) Acenaphthylene	9.792	152	2116975	36.997	ng		99
50) Dimethylphthalate	9.651	163	1664374	38.605	ng		100
51) 2,6-Dinitrotoluene	9.716	165	404711	43.270	ng	#	81
52) Acenaphthene	9.963	154	1460466	37.430	ng		98
53) 3-Nitroaniline	9.880	138	418396	41.874	ng		98
54) 2,4-Dinitrophenol	9.986	184	185137	47.023	ng	#	87
55) Dibenzofuran	10.133	168	2009502	36.841	ng		100
56) 4-Nitrophenol	10.033	139	315477	39.954	ng		93
57) 2,4-Dinitrotoluene	10.116	165	522051	45.254	ng		99
58) Fluorene	10.480	166	1531372	35.708	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	426776	38.623	ng		99
60) Diethylphthalate	10.351	149	1639190	40.060	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	803369	37.613	ng		99
62) 4-Nitroaniline	10.492	138	401035	40.171	ng		98
63) Azobenzene	10.627	77	1554994	37.932	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	265865	43.573	ng		84
66) n-Nitrosodiphenylamine	10.586	169	1368715	36.695	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	522988	38.095	ng	#	90
68) Hexachlorobenzene	11.022	284	595969	37.199	ng		98
69) Atrazine	11.110	200	397508	37.416	ng		99
70) Pentachlorophenol	11.216	266	374726	40.105	ng		99
71) Phenanthrene	11.439	178	2177142	36.134	ng		100
72) Anthracene	11.492	178	2160117	36.110	ng		100
73) Carbazole	11.645	167	1967797	35.865	ng		99
74) Di-n-butylphthalate	11.974	149	2371350	41.748	ng		99
75) Fluoranthene	12.627	202	2208164	35.941	ng		99
77) Benzidine	12.745	184	585275	75.888	ng		99
78) Pyrene	12.857	202	2242691	38.995	ng		99
80) Butylbenzylphthalate	13.468	149	794413	50.781	ng		93
81) Benzo(a)anthracene	14.039	228	1624156	37.968	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	529184	44.923	ng		99
83) Chrysene	14.074	228	1559784	38.255	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	982007	53.971	ng		99
85) Di-n-octyl phthalate	14.645	149	1481770	54.818	ng		99
87) Indeno(1,2,3-cd)pyrene	17.003	276	1713615	39.242	ng		99
88) Benzo(b)fluoranthene	15.092	252	1481086	37.494	ng		100
89) Benzo(k)fluoranthene	15.121	252	1416112	36.579	ng		100
90) Benzo(a)pyrene	15.457	252	1287376	37.935	ng		98
91) Dibenzo(a,h)anthracene	17.027	278	1415262	39.485	ng		99
92) Benzo(g,h,i)perylene	17.456	276	1440723	38.854	ng		98

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

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