Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
Data File : BF138259.D
Acq On : 20 Jun 2024 11:45
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Quant Time: Jun 20 12:18:04 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	370374	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1425222	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	782805	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	1374157	20.000	ng		0.00
76) Chrysene-d12	14.051	240	745217	20.000	ng		0.00
86) Perylene-d12	15.521	264	795626	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1661172	75.028	ng		0.00
7) Phenol-d6	6.522	99	2080854	74.117	ng		0.00
23) Nitrobenzene-d5	7.457	82	1872843	76.500	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	623155	79.963	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	3260278	66.228	ng		0.00
79) Terphenyl-d14	12.998	244	3582848	76.147	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	381256	37.628	ng		99
3) Pyridine	3.422	79	912944	37.911	ng		98
4) n-Nitrosodimethylamine	3.387	42	410535	36.836	ng		92
6) Aniline	6.551	93	1023638	37.263	ng		99
8) 2-Chlorophenol	6.675	128	906701	37.879	ng		96
9) Benzaldehyde	6.439	77	622640	41.756	ng		100
10) Phenol	6.534	94	1095271m	38.442	ng		
11) bis(2-Chloroethyl)ether	6.628	93	861751	37.791	ng		99
12) 1,3-Dichlorobenzene	6.828	146	1008504	37.073	ng		99
13) 1,4-Dichlorobenzene	6.904	146	1012026	36.967	ng		99
14) 1,2-Dichlorobenzene	7.063	146	938327	36.511	ng		98
15) Benzyl Alcohol	7.034	79	738595	39.017	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1162993	36.138	ng		97
17) 2-Methylphenol	7.139	107	727952	38.545	ng		98
18) Hexachloroethane	7.398	117	363955	39.242	ng		94
19) n-Nitroso-di-n-propyla...	7.304	70	597419	35.899	ng		98
20) 3+4-Methylphenols	7.292	107	854636	35.953	ng		90
22) Acetophenone	7.304	105	1121950	34.460	ng	#	96
24) Nitrobenzene	7.475	77	949736	37.535	ng		95
25) Isophorone	7.710	82	1657979	37.441	ng		99
26) 2-Nitrophenol	7.786	139	506023	49.734	ng		98
27) 2,4-Dimethylphenol	7.822	122	581936	37.595	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	1038688	37.471	ng		99
29) 2,4-Dichlorophenol	8.028	162	762210	38.246	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	869347	36.989	ng		98
31) Naphthalene	8.192	128	2546749	36.138	ng		100
32) Benzoic acid	7.951	122	659328m	48.328	ng		
33) 4-Chloroaniline	8.239	127	963578	36.582	ng		99
34) Hexachlorobutadiene	8.310	225	512574	37.290	ng		98
35) Caprolactam	8.628	113	245712	40.840	ng		93
36) 4-Chloro-3-methylphenol	8.722	107	772266	38.920	ng		99
37) 2-Methylnaphthalene	8.880	142	1659787	35.886	ng		99
38) 1-Methylnaphthalene	8.980	142	1642116	36.230	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	836607	36.573	ng		100
41) Hexachlorocyclopentadiene	9.033	237	328147	43.994	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	561559	39.206	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	619149	39.363	ng	99
46) 1,1'-Biphenyl	9.351	154	2044390	35.591	ng	98
47) 2-Chloronaphthalene	9.375	162	1649692	36.340	ng	98
48) 2-Nitroaniline	9.469	65	470242	43.013	ng	93
49) Acenaphthylene	9.786	152	2296600	36.078	ng	100
50) Dimethylphthalate	9.651	163	1857801	38.734	ng	100
51) 2,6-Dinitrotoluene	9.710	165	453666	43.600	ng	94
52) Acenaphthene	9.963	154	1597440	36.801	ng	100
53) 3-Nitroaniline	9.880	138	466399	41.959	ng	97
54) 2,4-Dinitrophenol	9.980	184	234424	51.830	ng	99
55) Dibenzofuran	10.133	168	2181358	35.948	ng	100
56) 4-Nitrophenol	10.033	139	364362	41.479	ng	96
57) 2,4-Dinitrotoluene	10.116	165	607100	47.305	ng	97
58) Fluorene	10.475	166	1683960	35.296	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	481414	39.162	ng	99
60) Diethylphthalate	10.345	149	1814359	39.857	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	869163	36.579	ng	97
62) 4-Nitroaniline	10.498	138	455847	41.045	ng	96
63) Azobenzene	10.627	77	1679703	36.831	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	330458	47.310	ng	85
66) n-Nitrosodiphenylamine	10.586	169	1528269	36.327	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	584164	37.726	ng	95
68) Hexachlorobenzene	11.022	284	669085	37.027	ng	96
69) Atrazine	11.110	200	424504	35.426	ng	99
70) Pentachlorophenol	11.210	266	422404	40.081	ng	98
71) Phenanthrene	11.439	178	2406019	35.405	ng	99
72) Anthracene	11.492	178	2418273	35.841	ng	99
73) Carbazole	11.645	167	2199108	35.536	ng	100
74) Di-n-butylphthalate	11.969	149	2601580	40.608	ng	100
75) Fluoranthene	12.627	202	2474899	35.714	ng	99
77) Benzidine	12.745	184	686297	79.620	ng	99
78) Pyrene	12.857	202	2483337	38.634	ng	99
80) Butylbenzylphthalate	13.468	149	884942	50.613	ng	94
81) Benzo(a)anthracene	14.039	228	1765496	36.928	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	602576	45.768	ng	100
83) Chrysene	14.080	228	1694317	37.180	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1069371	52.586	ng	98
85) Di-n-octyl phthalate	14.645	149	1726317	57.143	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	2164114	41.724	ng	99
88) Benzo(b)fluoranthene	15.092	252	1821284	38.818	ng	98
89) Benzo(k)fluoranthene	15.121	252	1531784	33.313	ng	99
90) Benzo(a)pyrene	15.462	252	1526446	37.870	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	1791946	42.091	ng	100
92) Benzo(g,h,i)perylene	17.468	276	1838082	41.735	ng	99

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

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