Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133719.D
Acq On : 12 Jun 2023 23:24
Operator : CG\JU
Sample : 03044-02MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 13 00:54:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 16:32:43 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
06/13/2023
Supervised By :mohammad ahmed
06/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	71890	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	258084	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	115245	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	212535	20.000	ng		0.00
76) Chrysene-d12	14.015	240	111958	20.000	ng		0.00
86) Perylene-d12	15.474	264	95511	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	452044	109.468	ng		0.01
7) Phenol-d6	6.469	99	531034	98.794	ng		0.00
23) Nitrobenzene-d5	7.398	82	352851	74.467	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	136390	93.495	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	588485	72.588	ng		0.00
79) Terphenyl-d14	12.951	244	539455	74.557	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	75378	41.520	ng		95
3) Pyridine	3.363	79	192969	36.467	ng		93
4) n-Nitrosodimethylamine	3.316	42	142467	48.707	ng		91
6) Aniline	6.492	93	133142	19.666	ng		95
8) 2-Chlorophenol	6.616	128	203036	46.655	ng		100
9) Benzaldehyde	6.381	77	115740	32.455	ng		94
10) Phenol	6.481	94	239830	42.729	ng		92
11) bis(2-Chloroethyl)ether	6.569	93	186790	44.828	ng		94
12) 1,3-Dichlorobenzene	6.775	146	220806	47.489	ng		97
13) 1,4-Dichlorobenzene	6.851	146	224435	47.757	ng		98
14) 1,2-Dichlorobenzene	7.004	146	213003	50.160	ng		100
15) Benzyl Alcohol	6.975	79	183384	43.682	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	329249	46.613	ng		98
17) 2-Methylphenol	7.092	107	161189	41.789	ng		99
18) Hexachloroethane	7.345	117	65493	40.708	ng		98
19) n-Nitroso-di-n-propyla...	7.251	70	147827	43.225	ng		100
20) 3+4-Methylphenols	7.239	107	204370	40.729	ng	#	88
22) Acetophenone	7.245	105	287355	48.545	ng	#	95
24) Nitrobenzene	7.422	77	217877	45.665	ng		99
25) Isophorone	7.657	82	383444	44.079	ng		99
26) 2-Nitrophenol	7.734	139	72271	33.751	ng		98
27) 2,4-Dimethylphenol	7.775	122	167414	45.361	ng		98
28) bis(2-Chloroethoxy)met...	7.869	93	220274	43.811	ng		99
29) 2,4-Dichlorophenol	7.975	162	154271	42.649	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	169378	44.881	ng		99
31) Naphthalene	8.139	128	551039	43.824	ng		100
32) Benzoic acid	7.875	122	92423	39.706	ng		95
33) 4-Chloroaniline	8.186	127	98793	18.376	ng		99
34) Hexachlorobutadiene	8.257	225	109829	44.449	ng		99
35) Caprolactam	8.563	113	50515m	41.502	ng		
36) 4-Chloro-3-methylphenol	8.669	107	169734	40.709	ng		96
37) 2-Methylnaphthalene	8.833	142	353981	40.518	ng		98
38) 1-Methylnaphthalene	8.933	142	329342	40.967	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	163777	46.746	ng		99
41) Hexachlorocyclopentadiene	8.980	237	22151	14.188	ng		91
43) 2,4,6-Trichlorophenol	9.110	196	103978	44.412	ng		96

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44) 2,4,5-Trichlorophenol	9.151	196	109254	40.112	ng		99
46) 1,1'-Biphenyl	9.298	154	436406	46.952	ng		99
47) 2-Chloronaphthalene	9.322	162	310684	46.599	ng		100
48) 2-Nitroaniline	9.416	65	126154	51.737	ng		93
49) Acenaphthylene	9.739	152	514716	44.356	ng		99
50) Dimethylphthalate	9.592	163	380330	44.213	ng		100
51) 2,6-Dinitrotoluene	9.657	165	60581	34.120	ng	#	72
52) Acenaphthene	9.910	154	309562	45.575	ng		99
53) 3-Nitroaniline	9.828	138	98966	45.802	ng		85
54) 2,4-Dinitrophenol	9.933	184	3307	9.256	ng	#	77
55) Dibenzofuran	10.080	168	457479	44.139	ng		96
56) 4-Nitrophenol	9.992	139	121656	83.426	ng	#	78
57) 2,4-Dinitrotoluene	10.063	165	71397	31.617	ng		97
58) Fluorene	10.427	166	358216	45.195	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	90729	44.492	ng		96
60) Diethylphthalate	10.298	149	382474	43.687	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	166873	42.647	ng		98
62) 4-Nitroaniline	10.445	138	100523	47.449	ng		90
63) Azobenzene	10.575	77	354737	42.801	ng		96
65) 4,6-Dinitro-2-methylph...	10.475	198	3331	3.280	ng		89
66) n-Nitrosodiphenylamine	10.533	169	304868	42.704	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	99552	41.967	ng		95
68) Hexachlorobenzene	10.974	284	108612	43.540	ng		97
69) Atrazine	11.063	200	92762	44.782	ng		96
70) Pentachlorophenol	11.169	266	111963	74.955	ng		99
71) Phenanthrene	11.392	178	713171	66.139	ng		99
72) Anthracene	11.439	178	540248	48.051	ng		99
73) Carbazole	11.598	167	473428	45.211	ng		99
74) Di-n-butylphthalate	11.927	149	553140	41.204	ng		99
75) Fluoranthene	12.586	202	884728	77.264	ng		99
77) Benzidine	12.704	184	242193	64.467	ng		100
78) Pyrene	12.816	202	880327	84.409	ng		99
80) Butylbenzylphthalate	13.427	149	214270	48.666	ng		94
81) Benzo(a)anthracene	14.004	228	498710	64.398	ng		97
82) 3,3'-Dichlorobenzidine	13.963	252	117354	45.581	ng	#	97
83) Chrysene	14.039	228	439585	60.015	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	280259	51.696	ng		96
85) Di-n-octyl phthalate	14.604	149	403764	52.410	ng		97
87) Indeno(1,2,3-cd)pyrene	16.945	276	319409	48.609	ng		97
88) Benzo(b)fluoranthene	15.051	252	423228	72.947	ng		98
89) Benzo(k)fluoranthene	15.080	252	281056	49.729	ng		98
90) Benzo(a)pyrene	15.415	252	326499	60.636	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	218363	40.140	ng		99
92) Benzo(g,h,i)perylene	17.392	276	244595	45.349	ng		99

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

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