Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072023\
Data File : BF134384.D
Acq On : 20 Jul 2023 16:32
Operator : CG\JU
Sample : 03625-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR200018MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 20 16:56:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	66340	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	253854	20.000	ng	#	0.00
39) Acenaphthene-d10	9.875	164	133109	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	266138	20.000	ng		0.00
76) Chrysene-d12	14.033	240	150959	20.000	ng		0.00
86) Perylene-d12	15.539	264	161624	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	476422	120.130	ng		0.02
7) Phenol-d6	6.487	99	535444	109.784	ng		0.00
23) Nitrobenzene-d5	7.404	82	424401	90.121	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	254778	152.660	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	856343	93.535	ng		0.00
79) Terphenyl-d14	12.969	244	1059816	112.990	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	56640	34.637	ng	#	80
3) Pyridine	3.546	79	130415	30.618	ng		95
4) n-Nitrosodimethylamine	3.481	42	99706	40.986	ng		100
6) Aniline	6.504	93	104973	17.687	ng	#	25
8) 2-Chlorophenol	6.628	128	180080	44.731	ng		99
9) Benzaldehyde	6.398	77	58948	18.993	ng		98
10) Phenol	6.498	94	191232	37.291	ng		87
11) bis(2-Chloroethyl)ether	6.575	93	161991	42.907	ng		97
12) 1,3-Dichlorobenzene	6.781	146	171348	39.922	ng		97
13) 1,4-Dichlorobenzene	6.857	146	177115	40.856	ng		99
14) 1,2-Dichlorobenzene	7.004	146	170771	42.061	ng		98
15) Benzyl Alcohol	6.987	79	174366	46.375	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.110	45	237128	35.503	ng		64
17) 2-Methylphenol	7.098	107	152313	42.250	ng		94
18) Hexachloroethane	7.345	117	66822	41.571	ng		94
19) n-Nitroso-di-n-propyla...	7.251	70	140731	45.500	ng		99
20) 3+4-Methylphenols	7.251	107	193184	44.171	ng		93
22) Acetophenone	7.251	105	276442	47.883	ng		93
24) Nitrobenzene	7.422	77	203894	42.845	ng		95
25) Isophorone	7.663	82	377963	44.161	ng		99
26) 2-Nitrophenol	7.739	139	104139	45.617	ng		97
27) 2,4-Dimethylphenol	7.775	122	166810	46.161	ng		92
28) bis(2-Chloroethoxy)met...	7.869	93	214885	43.361	ng		99
29) 2,4-Dichlorophenol	7.981	162	164214	45.827	ng		94
30) 1,2,4-Trichlorobenzene	8.057	180	166250	44.964	ng		99
31) Naphthalene	8.139	128	518296	42.269	ng		99
32) Benzoic acid	7.892	122	33259	12.283	ng		87
33) 4-Chloroaniline	8.192	127	26402	5.034	ng		95
34) Hexachlorobutadiene	8.251	225	107130	45.932	ng		98
35) Caprolactam	8.569	113	47403m	40.177	ng		
36) 4-Chloro-3-methylphenol	8.686	107	191943	47.682	ng		94
37) 2-Methylnaphthalene	8.834	142	371360	42.827	ng		99
38) 1-Methylnaphthalene	8.928	142	347713	43.135	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	183778	46.602	ng		99
41) Hexachlorocyclopentadiene	8.981	237	126354	67.536	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	123054	45.838	ng		97

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44) 2,4,5-Trichlorophenol	9.163	196	133159	42.169	ng		94
46) 1,1'-Biphenyl	9.298	154	483852	45.315	ng		97
47) 2-Chloronaphthalene	9.322	162	359636	46.034	ng		98
48) 2-Nitroaniline	9.428	65	130072	45.684	ng		96
49) Acenaphthylene	9.739	152	593685	44.486	ng		100
50) Dimethylphthalate	9.604	163	475810	49.243	ng		99
51) 2,6-Dinitrotoluene	9.669	165	98766	47.458	ng		88
52) Acenaphthene	9.910	154	355151	45.863	ng		99
53) 3-Nitroaniline	9.839	138	52685	21.102	ng		95
54) 2,4-Dinitrophenol	9.957	184	33080	30.058	ng		94
55) Dibenzofuran	10.086	168	553749	45.756	ng		99
56) 4-Nitrophenol	10.016	139	117462	67.260	ng		88
57) 2,4-Dinitrotoluene	10.081	165	132310	48.141	ng	#	83
58) Fluorene	10.428	166	453011	48.114	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	118329	47.505	ng		97
60) Diethylphthalate	10.304	149	496649	49.336	ng		98
61) 4-Chlorophenyl-phenyle...	10.422	204	224379	49.450	ng		99
62) 4-Nitroaniline	10.463	138	95980	38.146	ng		94
63) Azobenzene	10.580	77	432947	45.467	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	37524	25.861	ng		92
66) n-Nitrosodiphenylamine	10.545	169	395721	46.538	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	142222	50.278	ng	#	92
68) Hexachlorobenzene	10.980	284	164980	54.930	ng		96
69) Atrazine	11.075	200	138908	59.058	ng		98
70) Pentachlorophenol	11.180	266	119874	66.752	ng		98
71) Phenanthrene	11.398	178	636274	47.491	ng		99
72) Anthracene	11.451	178	659133	47.300	ng		100
73) Carbazole	11.610	167	606586	47.557	ng		99
74) Di-n-butylphthalate	11.933	149	796166	52.489	ng		99
75) Fluoranthene	12.592	202	675397	46.630	ng		98
77) Benzidine	12.716	184	164623	45.831	ng		99
78) Pyrene	12.827	202	670603	47.734	ng		99
80) Butylbenzylphthalate	13.445	149	305955	58.067	ng		97
81) Benzo(a)anthracene	14.027	228	495496	47.329	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	88738	26.753	ng		98
83) Chrysene	14.063	228	449983	44.376	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	419552	69.298	ng		99
85) Di-n-octyl phthalate	14.627	149	605369	68.049	ng		97
87) Indeno(1,2,3-cd)pyrene	17.098	276	546747	48.751	ng	#	95
88) Benzo(b)fluoranthene	15.098	252	450631	47.417	ng	#	98
89) Benzo(k)fluoranthene	15.127	252	439290	45.399	ng	#	98
90) Benzo(a)pyrene	15.474	252	397476	43.251	ng	#	98
91) Dibenzo(a,h)anthracene	17.109	278	461792	50.412	ng	#	96
92) Benzo(g,h,i)perylene	17.568	276	413773	43.802	ng	#	93

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

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