Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122054.D
Acq On : 21 Oct 2020 14:40
Operator : JU/CG
Sample : L4309-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

Manual Integrations APPROVED
mohammad
10/22/2020 12:59:13 PM

Quant Time: Oct 21 15:03:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	112291	20.00	ng		0.00
21) Naphthalene-d8	8.010	136	454621	20.00	ng		0.00
39) Acenaphthene-d10	9.763	164	239134	20.00	ng		0.00
64) Phenanthrene-d10	11.245	188	457516	20.00	ng		0.00
76) Chrysene-d12	13.886	240	362748	20.00	ng		0.00
86) Perylene-d12	15.315	264	311287	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	671916	88.31	ng		0.00
7) Phenol-d6	6.381	99	861363	87.95	ng		0.00
23) Nitrobenzene-d5	7.298	82	610483	68.87	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	243841	82.43	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1065590	65.56	ng		0.00
79) Terphenyl-d14	12.827	244	1207282	63.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	134228	40.11	ng		97
3) Pyridine	3.175	79	376923	42.84	ng		99
4) n-Nitrosodimethylamine	3.146	42	205986	48.44	ng		99
6) Aniline	6.393	93	313377	25.98	ng	#	1
8) 2-Chlorophenol	6.516	128	383810	49.91	ng		98
9) Benzaldehyde	6.281	77	86670	12.41	ng		99
10) Phenol	6.393	94	476744	47.17	ng		95
11) bis(2-Chloroethyl)ether	6.469	93	378045	48.38	ng		96
12) 1,3-Dichlorobenzene	6.663	146	400371	46.29	ng		99
13) 1,4-Dichlorobenzene	6.745	146	404805	46.61	ng		98
14) 1,2-Dichlorobenzene	6.898	146	379605	47.82	ng		99
15) Benzyl Alcohol	6.881	79	339217	53.55	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.010	45	561256	46.68	ng		69
17) 2-Methylphenol	6.998	107	306245	46.58	ng	#	90
18) Hexachloroethane	7.234	117	150797	48.07	ng		96
19) n-Nitroso-di-n-propyla...	7.151	70	274195	49.17	ng		100
20) 3+4-Methylphenols	7.157	107	394386	49.74	ng	#	67
22) Acetophenone	7.145	105	521671	44.60	ng	#	92
24) Nitrobenzene	7.316	77	430259	45.41	ng		98
25) Isophorone	7.557	82	772469	46.09	ng		99
26) 2-Nitrophenol	7.634	139	203747	46.69	ng		94
27) 2,4-Dimethylphenol	7.681	122	325647	43.78	ng		99
28) bis(2-Chloroethoxy)met...	7.763	93	483056	46.06	ng		100
29) 2,4-Dichlorophenol	7.881	162	325607	46.75	ng		99
30) 1,2,4-Trichlorobenzene	7.957	180	328726	44.38	ng		100
31) Naphthalene	8.034	128	1073195	44.07	ng		100
32) Benzoic acid	7.851	122	203328	47.85	ng		95
33) 4-Chloroaniline	8.092	127	143756	13.86	ng		98
34) Hexachlorobutadiene	8.145	225	202301	46.06	ng		100
35) Caprolactam	8.481	113	105643m	47.76	ng		
36) 4-Chloro-3-methylphenol	8.592	107	354917	47.44	ng		99
37) 2-Methylnaphthalene	8.722	142	703960	44.63	ng		98
38) 1-Methylnaphthalene	8.822	142	654436	44.80	ng		99
40) 1,2,4,5-Tetrachloroben...	8.892	216	345011	44.70	ng		99
41) Hexachlorocyclopentadiene	8.869	237	171158	72.60	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	220018	46.20	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	234052	45.51	ng		97
46) 1,1'-Biphenyl	9.186	154	866072	44.54	ng		99
47) 2-Chloronaphthalene	9.210	162	671840	44.43	ng		99
48) 2-Nitroaniline	9.322	65	238031	47.72	ng		98
49) Acenaphthylene	9.628	152	1002029	43.15	ng		100
50) Dimethylphthalate	9.492	163	931664	53.28	ng		100
51) 2,6-Dinitrotoluene	9.563	165	180758	47.13	ng		95
52) Acenaphthene	9.798	154	619711	44.86	ng		99
53) 3-Nitroaniline	9.733	138	108692	24.92	ng		95
54) 2,4-Dinitrophenol	9.851	184	168948	85.63	ng	#	79
55) Dibenzofuran	9.969	168	881050	43.61	ng		97
56) 4-Nitrophenol	9.922	139	200960	84.68	ng	#	82
57) 2,4-Dinitrotoluene	9.975	165	224631	47.57	ng		98
58) Fluorene	10.310	166	738052	45.34	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	202842	50.98	ng		96
60) Diethylphthalate	10.192	149	809338	48.00	ng		100
61) 4-Chlorophenyl-phenyle...	10.298	204	363666	46.59	ng		94
62) 4-Nitroaniline	10.357	138	177684	40.77	ng		94
63) Azobenzene	10.463	77	833850	46.76	ng		98
65) 4,6-Dinitro-2-methylph...	10.386	198	135636	44.59	ng		100
66) n-Nitrosodiphenylamine	10.428	169	699005	44.35	ng		99
67) 4-Bromophenyl-phenylether	10.792	248	244760	46.31	ng		96
68) Hexachlorobenzene	10.863	284	272451	45.54	ng	#	91
69) Atrazine	10.957	200	181622	47.13	ng		97
70) Pentachlorophenol	11.063	266	204961	86.42	ng		98
71) Phenanthrene	11.275	178	1107185	44.14	ng		100
72) Anthracene	11.328	178	1138600	43.76	ng		100
73) Carbazole	11.486	167	1023797	44.25	ng		100
74) Di-n-butylphthalate	11.804	149	1276369	47.96	ng		100
75) Fluoranthene	12.463	202	1228464	45.67	ng		97
77) Benzidine	12.580	184	302329	27.03	ng		100
78) Pyrene	12.686	202	1249613	45.20	ng		100
80) Butylbenzylphthalate	13.298	149	550388	50.21	ng		97
81) Benzo(a)anthracene	13.874	228	1103209	46.41	ng		99
82) 3,3'-Dichlorobenzidine	13.839	252	254587	28.87	ng		98
83) Chrysene	13.916	228	1073317	45.99	ng		99
84) Bis(2-ethylhexyl)phtha...	13.857	149	776686	52.19	ng		99
85) Di-n-octyl phthalate	14.468	149	1306822	54.28	ng		100
87) Indeno(1,2,3-cd)pyrene	16.727	276	954090	47.21	ng		98
88) Benzo(b)fluoranthene	14.910	252	1036451	49.26	ng		99
89) Benzo(k)fluoranthene	14.939	252	926843	46.37	ng		100
90) Benzo(a)pyrene	15.257	252	852220	46.89	ng		99
91) Dibenzo(a,h)anthracene	16.727	278	790293	47.49	ng		99
92) Benzo(g,h,i)perylene	17.139	276	791218	47.51	ng		98

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

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