Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122507.D
Acq On : 30 Nov 2020 15:21
Operator : JU/CG
Sample : L4900-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-0-10MSD

Manual Integrations APPROVED
mohammad
12/1/2020 10:42:47 AM

Quant Time: Nov 30 15:45:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	168480	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	680574	20.00	ng		# 0.00
39) Acenaphthene-d10	9.898	164	387890	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	753302	20.00	ng		0.00
76) Chrysene-d12	14.033	240	626936	20.00	ng		0.00
86) Perylene-d12	15.504	264	609584	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1043807	95.13	ng		0.00
7) Phenol-d6	6.492	99	1359993	94.75	ng		0.00
23) Nitrobenzene-d5	7.422	82	860960	77.45	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	454594	109.19	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1645817	66.29	ng		0.00
79) Terphenyl-d14	12.974	244	1941518	65.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	188095	37.38	ng		88
3) Pyridine	3.387	79	533764	38.57	ng		87
4) n-Nitrosodimethylamine	3.334	42	233438	35.78	ng		89
6) Aniline	6.516	93	556978	29.57	ng		99
8) 2-Chlorophenol	6.640	128	537996	47.28	ng		92
9) Benzaldehyde	6.404	77	323653	43.98	ng		96
10) Phenol	6.504	94	770901	54.54	ng		84
11) bis(2-Chloroethyl)ether	6.592	93	497970	44.32	ng		92
12) 1,3-Dichlorobenzene	6.798	146	580124	44.91	ng		96
13) 1,4-Dichlorobenzene	6.875	146	580409	44.73	ng		97
14) 1,2-Dichlorobenzene	7.028	146	557378	46.02	ng		100
15) Benzyl Alcohol	6.998	79	444141	43.52	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	654635	39.98	ng		93
17) 2-Methylphenol	7.116	107	438298	46.15	ng		99
18) Hexachloroethane	7.369	117	207539	45.92	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	355489	41.44	ng	#	90
20) 3+4-Methylphenols	7.269	107	518178	44.34	ng		97
22) Acetophenone	7.263	105	675316	38.10	ng		93
24) Nitrobenzene	7.439	77	555014	43.64	ng		96
25) Isophorone	7.681	82	996563	40.21	ng		97
26) 2-Nitrophenol	7.757	139	284736	51.06	ng		97
27) 2,4-Dimethylphenol	7.798	122	476388	40.75	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	629945	41.56	ng		99
29) 2,4-Dichlorophenol	8.004	162	471821	45.59	ng		93
30) 1,2,4-Trichlorobenzene	8.081	180	490833	42.97	ng		98
31) Naphthalene	8.163	128	1667928	46.10	ng		98
32) Benzoic acid	7.898	122	145933	26.77	ng		98
33) 4-Chloroaniline	8.210	127	288662	18.32	ng		96
34) Hexachlorobutadiene	8.286	225	290585	44.26	ng		99
35) Caprolactam	8.586	113	159417m	48.60	ng		
36) 4-Chloro-3-methylphenol	8.698	107	500148	46.33	ng		97
37) 2-Methylnaphthalene	8.857	142	1102933	46.14	ng		99
38) 1-Methylnaphthalene	8.957	142	1006494	44.98	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	492920	41.24	ng		100
41) Hexachlorocyclopentadiene	9.016	237	471756	67.50	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	352364	45.39	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	383855	47.17	ng		98
46) 1,1'-Biphenyl	9.322	154	1285280	41.63	ng		99
47) 2-Chloronaphthalene	9.345	162	1011664	41.28	ng		99
48) 2-Nitroaniline	9.439	65	311247	43.21	ng		92
49) Acenaphthylene	9.763	152	1611576	42.79	ng		100
50) Dimethylphthalate	9.628	163	1407438	51.05	ng		100
51) 2,6-Dinitrotoluene	9.686	165	285625	46.66	ng	#	78
52) Acenaphthene	9.933	154	1119959m	48.04	ng		
53) 3-Nitroaniline	9.851	138	189390	28.65	ng		94
54) 2,4-Dinitrophenol	9.963	184	182995	74.68	ng		94
55) Dibenzofuran	10.110	168	1552450	45.45	ng		98
56) 4-Nitrophenol	10.022	139	476185	79.24	ng		95
57) 2,4-Dinitrotoluene	10.092	165	396046	50.91	ng	#	80
58) Fluorene	10.451	166	1195821	45.72	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	335120	49.52	ng		96
60) Diethylphthalate	10.322	149	1214238	44.89	ng		100
61) 4-Chlorophenyl-phenyle...	10.439	204	547158	44.32	ng		95
62) 4-Nitroaniline	10.469	138	306314	45.03	ng		98
63) Azobenzene	10.604	77	1132746	39.92	ng		91
65) 4,6-Dinitro-2-methylph...	10.498	198	160152	49.16	ng		94
66) n-Nitrosodiphenylamine	10.563	169	1028624	40.08	ng		94
67) 4-Bromophenyl-phenylether	10.933	248	380501	42.98	ng		96
68) Hexachlorobenzene	10.998	284	416974	43.60	ng		99
69) Atrazine	11.092	200	313054	48.98	ng		97
70) Pentachlorophenol	11.198	266	439188	79.70	ng		99
71) Phenanthrene	11.416	178	2578743	60.33	ng		97
72) Anthracene	11.469	178	1959570	44.49	ng		100
73) Carbazole	11.622	167	1724292	43.03	ng		99
74) Di-n-butylphthalate	11.951	149	1910867	44.73	ng		100
75) Fluoranthene	12.610	202	2853357	63.95	ng		97
77) Benzidine	12.727	184	899323	51.72	ng		100
78) Pyrene	12.839	202	2785997	63.25	ng		98
80) Butylbenzylphthalate	13.451	149	855612	48.41	ng		94
81) Benzo(a)anthracene	14.027	228	2251817	57.75	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	426720	29.37	ng		98
83) Chrysene	14.063	228	2208847	56.25	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	1142931	53.82	ng		99
85) Di-n-octyl phthalate	14.627	149	1995671	55.45	ng		96
87) Indeno(1,2,3-cd)pyrene	16.986	276	2103832	57.52	ng		98
88) Benzo(b)fluoranthene	15.080	252	2496848	63.25	ng		98
89) Benzo(k)fluoranthene	15.110	252	1596487	41.47	ng		99
90) Benzo(a)pyrene	15.451	252	1933441	56.18	ng		99
91) Dibenzo(a,h)anthracene	17.004	278	1532003	50.01	ng		99
92) Benzo(g,h,i)perylene	17.439	276	1791236	60.12	ng		99

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

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