Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122086.D
Acq On : 22 Oct 2020 16:29
Operator : JU/CG
Sample : L4463-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

Manual Integrations APPROVED
mohammad
10/23/2020 1:32:18 PM

Quant Time: Oct 22 16:58:56 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	102442	20.00	ng		0.00
21) Naphthalene-d8	8.010	136	416438	20.00	ng		0.00
39) Acenaphthene-d10	9.763	164	221110	20.00	ng		0.00
64) Phenanthrene-d10	11.251	188	409273	20.00	ng		0.00
76) Chrysene-d12	13.892	240	242056	20.00	ng		0.00
86) Perylene-d12	15.321	264	238944	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	624410	89.96	ng		0.01
7) Phenol-d6	6.387	99	769948	86.17	ng		0.00
23) Nitrobenzene-d5	7.298	82	547832	67.47	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	240747	88.02	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	856132	56.97	ng		0.00
79) Terphenyl-d14	12.827	244	812985	64.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.458	88	113489	37.18	ng		98
3) Pyridine	3.175	79	316682	39.45	ng		97
4) n-Nitrosodimethylamine	3.140	42	164951	42.52	ng		97
6) Aniline	6.398	93	231479	21.04	ng	#	1
8) 2-Chlorophenol	6.522	128	309325	44.09	ng		98
9) Benzaldehyde	6.281	77	130915	22.93	ng		99
10) Phenol	6.398	94	386569	41.92	ng		100
11) bis(2-Chloroethyl)ether	6.469	93	304333	42.69	ng		97
12) 1,3-Dichlorobenzene	6.669	146	328907	41.68	ng		98
13) 1,4-Dichlorobenzene	6.745	146	331246	41.81	ng		99
14) 1,2-Dichlorobenzene	6.898	146	308675	42.62	ng		98
15) Benzyl Alcohol	6.887	79	273598	47.34	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.010	45	460609	41.99	ng	#	48
17) 2-Methylphenol	7.004	107	247934	41.33	ng	#	88
18) Hexachloroethane	7.234	117	123459	43.14	ng		96
19) n-Nitroso-di-n-propyla...	7.151	70	230692	45.35	ng		98
20) 3+4-Methylphenols	7.157	107	329611	45.57	ng	#	68
22) Acetophenone	7.145	105	429005	40.04	ng	#	89
24) Nitrobenzene	7.322	77	345908	39.85	ng		97
25) Isophorone	7.557	82	617411	40.21	ng		100
26) 2-Nitrophenol	7.634	139	164228	41.09	ng		90
27) 2,4-Dimethylphenol	7.681	122	269920	39.62	ng		98
28) bis(2-Chloroethoxy)met...	7.769	93	388095	40.40	ng		99
29) 2,4-Dichlorophenol	7.887	162	260903	40.89	ng		97
30) 1,2,4-Trichlorobenzene	7.957	180	269291	39.69	ng		99
31) Naphthalene	8.034	128	876231	39.28	ng		100
32) Benzoic acid	7.845	122	146808	39.35	ng		93
33) 4-Chloroaniline	8.098	127	91318	9.61	ng		99
34) Hexachlorobutadiene	8.145	225	164097	40.79	ng		99
35) Caprolactam	8.481	113	83924m	41.42	ng		
36) 4-Chloro-3-methylphenol	8.592	107	282983	41.29	ng		99
37) 2-Methylnaphthalene	8.728	142	569934	39.45	ng		99
38) 1-Methylnaphthalene	8.822	142	536478	40.10	ng		100
40) 1,2,4,5-Tetrachloroben...	8.892	216	273143	38.27	ng		99
41) Hexachlorocyclopentadiene	8.875	237	81608	48.99	ng		100
43) 2,4,6-Trichlorophenol	9.016	196	177250	40.25	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	186767	39.28	ng		99
46) 1,1'-Biphenyl	9.186	154	690851	38.43	ng		100
47) 2-Chloronaphthalene	9.216	162	522926	37.40	ng		99
48) 2-Nitroaniline	9.322	65	190957	41.41	ng		98
49) Acenaphthylene	9.628	152	822300	38.29	ng		100
50) Dimethylphthalate	9.492	163	790357	48.88	ng		100
51) 2,6-Dinitrotoluene	9.563	165	144150	40.64	ng		99
52) Acenaphthene	9.798	154	494931	38.75	ng		99
53) 3-Nitroaniline	9.733	138	72477	17.97	ng		100
54) 2,4-Dinitrophenol	9.857	184	105094	60.45	ng		88
55) Dibenzofuran	9.969	168	713939	38.22	ng		96
56) 4-Nitrophenol	9.922	139	134396	61.25	ng	#	76
57) 2,4-Dinitrotoluene	9.975	165	179431	41.10	ng	#	90
58) Fluorene	10.316	166	597838	39.72	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	155964	42.39	ng		97
60) Diethylphthalate	10.186	149	658061	42.21	ng		98
61) 4-Chlorophenyl-phenyle...	10.304	204	296378	41.06	ng		99
62) 4-Nitroaniline	10.351	138	127780	31.71	ng		91
63) Azobenzene	10.463	77	674328	40.90	ng		99
65) 4,6-Dinitro-2-methylph...	10.386	198	92749	35.13	ng		94
66) n-Nitrosodiphenylamine	10.428	169	559353	39.68	ng		99
67) 4-Bromophenyl-phenylether	10.792	248	193289	40.88	ng		99
68) Hexachlorobenzene	10.863	284	213118	39.82	ng		96
69) Atrazine	10.957	200	159931	46.39	ng		98
70) Pentachlorophenol	11.069	266	152410	73.18	ng		98
71) Phenanthrene	11.275	178	908037	40.46	ng		99
72) Anthracene	11.328	178	907324	38.98	ng		100
73) Carbazole	11.486	167	786551	38.01	ng		99
74) Di-n-butylphthalate	11.810	149	1038852	43.63	ng		99
75) Fluoranthene	12.463	202	936023	38.90	ng		98
77) Benzidine	12.586	184	307218	41.17	ng		99
78) Pyrene	12.692	202	922892	50.03	ng		99
80) Butylbenzylphthalate	13.304	149	388314	53.08	ng		96
81) Benzo(a)anthracene	13.880	228	680518	42.90	ng		100
82) 3,3'-Dichlorobenzidine	13.839	252	152255	25.88	ng		99
83) Chrysene	13.916	228	660986	42.45	ng		100
84) Bis(2-ethylhexyl)phtha...	13.857	149	563046	56.70	ng		99
85) Di-n-octyl phthalate	14.468	149	835474	52.01	ng		100
87) Indeno(1,2,3-cd)pyrene	16.745	276	774942	49.95	ng		99
88) Benzo(b)fluoranthene	14.916	252	663964	41.11	ng		99
89) Benzo(k)fluoranthene	14.945	252	613958	40.02	ng		99
90) Benzo(a)pyrene	15.268	252	591820	42.42	ng		100
91) Dibenzo(a,h)anthracene	16.745	278	630461	49.35	ng		99
92) Benzo(g,h,i)perylene	17.162	276	661133	51.71	ng		99

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

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