Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
Data File : BF122223.D
Acq On : 2 Nov 2020 13:40
Operator : JU/CG
Sample : L4217-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MSD

Manual Integrations APPROVED
mohammad
11/3/2020 10:02:02 AM

Quant Time: Nov 02 14:10:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.710	152	77883	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	308025	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	159181	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	312653	20.00	ng		0.00
76) Chrysene-d12	13.886	240	264173	20.00	ng		0.00
86) Perylene-d12	15.321	264	240025	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	670329	127.03	ng		0.01
7) Phenol-d6	6.375	99	748449	110.18	ng		0.00
23) Nitrobenzene-d5	7.286	82	571996	95.24	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	282835	143.64	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	964982	89.20	ng		0.00
79) Terphenyl-d14	12.821	244	1154951	83.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	88651	38.20	ng	#	83
3) Pyridine	3.246	79	208400	34.15	ng		99
4) n-Nitrosodimethylamine	3.140	42	139839	47.41	ng		94
6) Aniline	6.381	93	261107	31.21	ng	#	40
8) 2-Chlorophenol	6.510	128	267123	50.08	ng		96
9) Benzaldehyde	6.281	77	38613	7.31	ng		98
10) Phenol	6.387	94	298186	42.54	ng		87
11) bis(2-Chloroethyl)ether	6.451	93	271771	50.15	ng		97
12) 1,3-Dichlorobenzene	6.645	146	276372	46.07	ng		99
13) 1,4-Dichlorobenzene	6.728	146	282940	46.97	ng		98
14) 1,2-Dichlorobenzene	6.881	146	263811	47.91	ng		99
15) Benzyl Alcohol	6.875	79	238996	54.40	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.987	45	403109	48.33	ng		54
17) 2-Methylphenol	6.992	107	215242	47.20	ng	#	85
18) Hexachloroethane	7.210	117	103574	47.60	ng		98
19) n-Nitroso-di-n-propyla...	7.134	70	204912	52.98	ng		99
20) 3+4-Methylphenols	7.151	107	294981	53.64	ng	#	61
22) Acetophenone	7.128	105	384022	48.45	ng	#	90
24) Nitrobenzene	7.304	77	311729	48.56	ng		98
25) Isophorone	7.539	82	539867	47.54	ng		99
26) 2-Nitrophenol	7.622	139	144599	48.91	ng		97
27) 2,4-Dimethylphenol	7.669	122	237995	47.22	ng		99
28) bis(2-Chloroethoxy)met...	7.745	93	337433	47.49	ng		99
29) 2,4-Dichlorophenol	7.875	162	229106	48.55	ng		99
30) 1,2,4-Trichlorobenzene	7.934	180	231117	46.06	ng		99
31) Naphthalene	8.016	128	761225	46.13	ng		99
32) Benzoic acid	7.845	122	110662	39.95	ng		97
33) 4-Chloroaniline	8.081	127	205059	29.17	ng		98
34) Hexachlorobutadiene	8.122	225	140382	47.18	ng		99
35) Caprolactam	8.469	113	59554m	39.73	ng		
36) 4-Chloro-3-methylphenol	8.581	107	254286	50.17	ng		98
37) 2-Methylnaphthalene	8.704	142	504828	47.24	ng		97
38) 1-Methylnaphthalene	8.804	142	465032	46.99	ng		100
40) 1,2,4,5-Tetrachloroben...	8.875	216	243153	47.33	ng		99
41) Hexachlorocyclopentadiene	8.851	237	72346	55.46	ng		97
43) 2,4,6-Trichlorophenol	8.998	196	157004	49.53	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	154449	45.12	ng	99
46) 1,1'-Biphenyl	9.169	154	618815	47.81	ng	99
47) 2-Chloronaphthalene	9.198	162	484011	48.09	ng	99
48) 2-Nitroaniline	9.310	65	174859	52.67	ng	99
49) Acenaphthylene	9.610	152	731107	47.29	ng	99
50) Dimethylphthalate	9.475	163	615018	52.84	ng	99
51) 2,6-Dinitrotoluene	9.551	165	127256	49.84	ng	97
52) Acenaphthene	9.780	154	447712	48.69	ng	98
53) 3-Nitroaniline	9.727	138	106449	36.66	ng	96
54) 2,4-Dinitrophenol	9.851	184	128924	96.89	ng	89
55) Dibenzofuran	9.951	168	661043	49.16	ng	92
56) 4-Nitrophenol	9.928	139	64039m	40.54	ng	
57) 2,4-Dinitrotoluene	9.963	165	174580	55.54	ng	96
58) Fluorene	10.298	166	543135	50.13	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	149715	56.53	ng	95
60) Diethylphthalate	10.175	149	585353	52.15	ng	98
61) 4-Chlorophenyl-phenyle...	10.286	204	258797	49.81	ng	95
62) 4-Nitroaniline	10.351	138	136437	47.03	ng	95
63) Azobenzene	10.445	77	606940	51.13	ng	98
65) 4,6-Dinitro-2-methylph...	10.380	198	98198	46.98	ng	95
66) n-Nitrosodiphenylamine	10.410	169	504191	46.81	ng	97
67) 4-Bromophenyl-phenylether	10.775	248	172988	47.89	ng	97
68) Hexachlorobenzene	10.845	284	193841	47.41	ng	98
69) Atrazine	10.945	200	131699	50.01	ng	98
70) Pentachlorophenol	11.057	266	147081	90.35	ng	98
71) Phenanthrene	11.263	178	815768	47.59	ng	99
72) Anthracene	11.316	178	856213	48.16	ng	99
73) Carbazole	11.480	167	788608	49.88	ng	99
74) Di-n-butylphthalate	11.792	149	917562	50.45	ng	99
75) Fluoranthene	12.451	202	920425	50.07	ng	98
77) Benzidine	12.580	184	340121	41.76	ng	100
78) Pyrene	12.680	202	939086	46.65	ng	99
80) Butylbenzylphthalate	13.292	149	409954	51.35	ng	97
81) Benzo(a)anthracene	13.874	228	858108	49.57	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	231520	36.05	ng	98
83) Chrysene	13.915	228	837374	49.27	ng	99
84) Bis(2-ethylhexyl)phtha...	13.845	149	555921	51.29	ng	98
85) Di-n-octyl phthalate	14.457	149	954728	54.46	ng	99
87) Indeno(1,2,3-cd)pyrene	16.745	276	723671	46.44	ng	97
88) Benzo(b)fluoranthene	14.915	252	835077	51.47	ng	98
89) Benzo(k)fluoranthene	14.939	252	730450	47.39	ng	99
90) Benzo(a)pyrene	15.262	252	680906	48.59	ng	100
91) Dibenzo(a,h)anthracene	16.739	278	599076	46.69	ng	98
92) Benzo(g,h,i)perylene	17.162	276	599045	46.65	ng	96

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

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