Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117959.D
Acq On : 23 Nov 2019 16:27
Operator : JU
Sample : K5972-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 25441-26560MSD

Manual Integrations APPROVED
mohammad
11/25/2019 2:32:14 PM

Quant Time: Nov 25 08:19:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	118382	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	452266	20.00	ng		-0.02
39) Acenaphthene-d10	9.96	164	235270	20.00	ng		-0.02
64) Phenanthrene-d10	11.45	188	447184	20.00	ng		-0.02
76) Chrysene-d12	14.10	240	355370	20.00	ng		-0.02
87) Perylene-d12	15.60	264	346394	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	653752	97.75	ng		-0.01
7) Phenol-d6	6.53	99	830988	103.02	ng		-0.02
23) Nitrobenzene-d5	7.47	82	503940	66.24	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	258352	103.72	ng		-0.02
45) 2-Fluorobiphenyl	9.27	172	957863	73.04	ng		-0.02
79) Terphenyl-d14	13.04	244	1052389	54.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	110800	35.443	ng		96
3) Pyridine	3.49	79	286669	34.958	ng		97
4) n-Nitrosodimethylamine	3.43	42	137959	38.540	ng		91
6) Aniline	6.56	93	195294	18.321	ng		100
8) 2-Chlorophenol	6.69	128	282297	38.900	ng		99
9) Benzaldehyde	6.45	77	137990	23.080	ng		96
10) Phenol	6.54	94	345942	41.270	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	246616	36.637	ng		98
12) 1,3-Dichlorobenzene	6.85	146	316857	37.087	ng		98
13) 1,4-Dichlorobenzene	6.92	146	323260	37.433	ng		99
14) 1,2-Dichlorobenzene	7.07	146	306881	37.156	ng		99
15) Benzyl Alcohol	7.04	79	250642	40.246	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	315282	30.422	ng		93
17) 2-Methylphenol	7.15	107	234661	38.184	ng		98
18) Hexachloroethane	7.42	117	125445	39.542	ng		97
19) n-Nitroso-di-n-propylamine	7.32	70	188947	37.968	ng		96
20) 3+4-Methylphenols	7.30	107	296202	38.828	ng	#	84
22) Acetophenone	7.31	105	406139	39.970	ng		96
24) Nitrobenzene	7.49	77	293542	37.400	ng		100
25) Isophorone	7.73	82	520935	37.358	ng		97
26) 2-Nitrophenol	7.80	139	160744	42.078	ng		95
27) 2,4-Dimethylphenol	7.84	122	247737	41.734	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	313181	35.393	ng		100
29) 2,4-Dichlorophenol	8.05	162	239536	37.201	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	267009	35.750	ng		100
31) Naphthalene	8.22	128	895352	42.466	ng		99
32) Benzoic acid	7.95	122	189880	38.202	ng	#	83
33) 4-Chloroaniline	8.26	127	115453	12.231	ng		98
34) Hexachlorobutadiene	8.33	225	154263	35.327	ng		99
35) Caprolactam	8.62	113	92212m	45.060	ng		
36) 4-Chloro-3-methylphenol	8.74	107	257308	39.376	ng		90
37) 2-Methylnaphthalene	8.91	142	618347	43.405	ng		99
38) 1-Methylnaphthalene	9.01	142	555317	41.232	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	241600	35.361	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	313427	81.858	ng		99
43) 2,4,6-Trichlorophenol	9.19	196	174589	35.675	ng		99
44) 2,4,5-Trichlorophenol	9.23	196	182928	36.001	ng		98
46) 1,1'-Biphenyl	9.37	154	677923	38.839	ng		98
47) 2-Chloronaphthalene	9.40	162	509891	35.509	ng		97
48) 2-Nitroaniline	9.49	65	150810	34.788	ng		96
49) Acenaphthylene	9.82	152	833262	39.802	ng		98
50) Dimethylphthalate	9.67	163	755569	45.797	ng		99
51) 2,6-Dinitrotoluene	9.73	165	134311	37.249	ng		95
52) Acenaphthene	9.99	154	565425	42.161	ng		99
53) 3-Nitroaniline	9.90	138	80622	18.686	ng		97
54) 2,4-Dinitrophenol	10.02	184	145967	78.896	ng		93
55) Dibenzofuran	10.16	168	721009	38.825	ng		99
56) 4-Nitrophenol	10.06	139	250438	77.764	ng		93
57) 2,4-Dinitrotoluene	10.14	165	181376	39.544	ng		99
58) Fluorene	10.51	166	564288	39.211	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	150887	36.141	ng	#	87
60) Diethylphthalate	10.37	149	597232	37.131	ng		99
61) 4-Chlorophenyl-phenylether	10.50	204	273217	37.410	ng		95
62) 4-Nitroaniline	10.52	138	144448	33.437	ng		95
63) Azobenzene	10.66	77	541969	37.037	ng		99
65) 4,6-Dinitro-2-methylphenol	10.55	198	96606	46.276	ng		79
66) n-Nitrosodiphenylamine	10.62	169	494229	37.976	ng		99
67) 4-Bromophenyl-phenylether	10.99	248	172243	35.698	ng		93
68) Hexachlorobenzene	11.06	284	191560	34.048	ng		96
69) Atrazine	11.15	200	182003	42.513	ng		97
70) Pentachlorophenol	11.25	266	230991	70.273	ng		99
71) Phenanthrene	11.47	178	859256	38.218	ng		98
72) Anthracene	11.53	178	892588	40.042	ng		98
73) Carbazole	11.68	167	782817	40.187	ng		100
74) Di-n-butylphthalate	12.01	149	951356	39.226	ng		99
75) Fluoranthene	12.67	202	890454	43.190	ng		99
77) Benzidine	12.79	184	324671	27.892	ng		98
78) Pyrene	12.90	202	925211	32.216	ng		98
80) Butylbenzylphthalate	13.51	149	429843	34.847	ng		92
81) Benzo(a)anthracene	14.09	228	850994	36.238	ng		99
82) 3,3'-Dichlorobenzidine	14.04	252	143834	17.510	ng		97
83) Chrysene	14.13	228	797925	35.065	ng		98
84) Bis(2-ethylhexyl)phthalate	14.07	149	594501	39.754	ng		99
85) Di-n-octyl phthalate	14.69	149	990557	45.088	ng		98
86) Indeno(1,2,3-cd)pyrene	17.13	276	739824	38.200	ng		98
88) Benzo(b)fluoranthene	15.16	252	803604	35.707	ng		99
89) Benzo(k)fluoranthene	15.19	252	731642	34.503	ng		99
90) Benzo(a)pyrene	15.54	252	678500	34.285	ng		99
91) Dibenzo(a,h)anthracene	17.15	278	620052	36.402	ng		98
92) Benzo(g,h,i)perylene	17.59	276	613166	36.141	ng		100

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

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