Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116355.D
Acq On : 17 Aug 2019 14:18
Operator : HP/JU
Sample : K4380-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Manual Integrations APPROVED
Jagrut
8/19/2019 3:30:59 PM

Quant Time: Aug 19 17:31:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133475	20.00	ng		-0.04
21) Naphthalene-d8	8.09	136	522701	20.00	ng		-0.04
39) Acenaphthene-d10	9.84	164	278661	20.00	ng		-0.05
64) Phenanthrene-d10	11.33	188	473749	20.00	ng		-0.04
76) Chrysene-d12	13.97	240	319124	20.00	ng		-0.04
87) Perylene-d12	15.43	264	312769	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	793401	99.51	ng		-0.02
7) Phenol-d6	6.46	99	993697	98.78	ng		-0.03
23) Nitrobenzene-d5	7.37	82	639261	70.60	ng		-0.04
42) 2,4,6-Tribromophenol	10.63	330	255619	94.61	ng		-0.04
45) 2-Fluorobiphenyl	9.16	172	1019466	68.53	ng		-0.04
79) Terphenyl-d14	12.90	244	1104445	72.93	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	108854	27.025	ng		100
3) Pyridine	3.37	79	269494	23.951	ng		98
4) n-Nitrosodimethylamine	3.30	42	128556	28.952	ng		98
6) Aniline	6.48	93	307546	21.348	ng		93
8) 2-Chlorophenol	6.60	128	299614	33.983	ng		95
9) Benzaldehyde	6.37	77	138467	19.949	ng		98
10) Phenol	6.47	94	430107	36.308	ng		84
11) bis(2-Chloroethyl)ether	6.55	93	284628	32.681	ng		98
12) 1,3-Dichlorobenzene	6.75	146	308961	30.322	ng		98
13) 1,4-Dichlorobenzene	6.83	146	318827	31.251	ng		97
14) 1,2-Dichlorobenzene	6.98	146	294985	31.401	ng		99
15) Benzyl Alcohol	6.96	79	247512	32.422	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	371849	31.302	ng		71
17) 2-Methylphenol	7.07	107	248745	33.319	ng		96
18) Hexachloroethane	7.32	117	107674	28.665	ng		100
19) n-Nitroso-di-n-propylamine	7.22	70	209166	33.554	ng		98
20) 3+4-Methylphenols	7.23	107	324022	36.677	ng		99
22) Acetophenone	7.22	105	411867	35.928	ng	#	95
24) Nitrobenzene	7.39	77	334119	34.172	ng		99
25) Isophorone	7.63	82	598790	34.582	ng		100
26) 2-Nitrophenol	7.71	139	157475	34.167	ng		97
27) 2,4-Dimethylphenol	7.75	122	261651	37.734	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	364403	33.954	ng		100
29) 2,4-Dichlorophenol	7.96	162	258309	35.281	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	265563	31.820	ng		99
31) Naphthalene	8.11	128	856858	34.836	ng		99
33) 4-Chloroaniline	8.17	127	215154	19.577	ng		98
34) Hexachlorobutadiene	8.23	225	145849	30.340	ng		99
35) Caprolactam	8.53	113	80244m	33.887	ng		
36) 4-Chloro-3-methylphenol	8.66	107	273620	35.924	ng		97
37) 2-Methylnaphthalene	8.80	142	553848	34.189	ng		99
38) 1-Methylnaphthalene	8.90	142	529657	34.561	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	255163	34.251	ng		99
41) Hexachlorocyclopentadiene	8.95	237	58202	22.036	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.09	196	159194	31.046 ng	100
44) 2,4,5-Trichlorophenol	9.14	196	170233	32.116 ng	97
46) 1,1'-Biphenyl	9.26	154	691756	35.162 ng	98
47) 2-Chloronaphthalene	9.29	162	539263	32.934 ng	98
48) 2-Nitroaniline	9.39	65	178936	33.061 ng	93
49) Acenaphthylene	9.70	152	823409	34.469 ng	99
50) Dimethylphthalate	9.56	163	724378	38.178 ng	100
51) 2,6-Dinitrotoluene	9.63	165	142131	34.470 ng	95
52) Acenaphthene	9.87	154	496825	33.901 ng	100
53) 3-Nitroaniline	9.80	138	131968	25.902 ng	97
54) 2,4-Dinitrophenol	9.96	184	3451	9.297 ng	95
55) Dibenzofuran	10.05	168	711992	33.408 ng	98
56) 4-Nitrophenol	9.99	139	166796	51.105 ng	94
57) 2,4-Dinitrotoluene	10.05	165	177605	32.351 ng	92
58) Fluorene	10.39	166	577151	35.198 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	136724	30.659 ng	97
60) Diethylphthalate	10.26	149	609058	34.382 ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	288110	34.694 ng	98
62) 4-Nitroaniline	10.42	138	149263	28.349 ng	98
63) Azobenzene	10.54	77	630670	34.614 ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	51445	20.491 ng	95
66) n-Nitrosodiphenylamine	10.50	169	517434	36.287 ng	100
67) 4-Bromophenyl-phenylether	10.87	248	172838	34.080 ng	98
68) Hexachlorobenzene	10.95	284	193172	32.940 ng	99
69) Atrazine	11.03	200	163310	34.813 ng	98
70) Pentachlorophenol	11.15	266	108685	38.174 ng	98
71) Phenanthrene	11.35	178	836059	34.521 ng	99
72) Anthracene	11.40	178	875394	35.715 ng	99
73) Carbazole	11.56	167	794520	35.729 ng	99
74) Di-n-butylphthalate	11.88	149	942847	36.346 ng	99
75) Fluoranthene	12.54	202	850102	33.528 ng	100
77) Benzidine	12.66	184	235032	21.800 ng	97
78) Pyrene	12.77	202	863407	35.892 ng	99
80) Butylbenzylphthalate	13.37	149	382934	37.632 ng	97
81) Benzo(a)anthracene	13.96	228	691242	33.889 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	202116	28.522 ng	99
83) Chrysene	14.00	228	678146	34.245 ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	528325	39.954 ng	98
85) Di-n-octyl phthalate	14.54	149	821524	39.114 ng	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	583484	35.082 ng	100
88) Benzo(b)fluoranthene	15.00	252	581976	32.181 ng	100
89) Benzo(k)fluoranthene	15.03	252	612233	34.757 ng	100
90) Benzo(a)pyrene	15.37	252	561832	34.753 ng	99
91) Dibenzo(a,h)anthracene	16.88	278	495227	35.389 ng	99
92) Benzo(g,h,i)perylene	17.32	276	473992	34.489 ng	97

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

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