Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
Data File : BF122731.D
Acq On : 16 Dec 2020 00:21
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/17/2020 9:53:43 AM

Quant Time: Dec 16 01:57:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	136327	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	460307	20.00	ng		0.00
39) Acenaphthene-d10	9.857	164	218655	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	362770	20.00	ng		0.00
76) Chrysene-d12	13.980	240	293707	20.00	ng		0.00
86) Perylene-d12	15.433	264	321024	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.427	112	719402	83.54	ng		0.00
7) Phenol-d6	6.451	99	901447	78.93	ng		0.00
23) Nitrobenzene-d5	7.386	82	742038	80.77	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	223216	77.99	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1289559	79.77	ng		0.00
79) Terphenyl-d14	12.927	244	1305888	77.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.533	88	175022	43.24	ng		97
3) Pyridine	3.269	79	444383	41.54	ng		98
4) n-Nitrosodimethylamine	3.222	42	167032	38.93	ng		93
6) Aniline	6.480	93	529386	39.38	ng		98
8) 2-Chlorophenol	6.604	128	382542	40.30	ng		98
9) Benzaldehyde	6.369	77	237382	34.34	ng		97
10) Phenol	6.463	94	470305	39.74	ng		90
11) bis(2-Chloroethyl)ether	6.557	93	353711	39.12	ng		98
12) 1,3-Dichlorobenzene	6.763	146	449150	39.99	ng		99
13) 1,4-Dichlorobenzene	6.839	146	455133	40.19	ng		99
14) 1,2-Dichlorobenzene	6.992	146	422173	38.62	ng		100
15) Benzyl Alcohol	6.963	79	298358	37.94	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	479631	37.20	ng		99
17) 2-Methylphenol	7.074	107	293815	38.94	ng		97
18) Hexachloroethane	7.333	117	159433	39.51	ng		97
19) n-Nitroso-di-n-propyla...	7.233	70	229693	35.11	ng		99
20) 3+4-Methylphenols	7.227	107	356753	37.43	ng		95
22) Acetophenone	7.227	105	450450	39.36	ng	#	95
24) Nitrobenzene	7.404	77	366584	40.11	ng		98
25) Isophorone	7.639	82	596086	37.67	ng		99
26) 2-Nitrophenol	7.715	139	187306	42.02	ng		98
27) 2,4-Dimethylphenol	7.757	122	262015	40.10	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	425584	39.27	ng		100
29) 2,4-Dichlorophenol	7.963	162	304631	39.93	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	352298	40.75	ng		99
31) Naphthalene	8.127	128	1028145	40.48	ng		100
32) Benzoic acid	7.874	122	167301	32.14	ng		96
33) 4-Chloroaniline	8.174	127	414036	38.99	ng		99
34) Hexachlorobutadiene	8.245	225	214841	40.38	ng		98
35) Caprolactam	8.539	113	81382	35.41	ng		96
36) 4-Chloro-3-methylphenol	8.657	107	280536	37.33	ng		99
37) 2-Methylnaphthalene	8.815	142	645590	38.42	ng		99
38) 1-Methylnaphthalene	8.915	142	607410	38.21	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	315815	43.61	ng		99
41) Hexachlorocyclopentadiene	8.968	237	107536	33.58	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	204263	40.84	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	209733	40.57	ng	97
46) 1,1'-Biphenyl	9.280	154	765077	42.16	ng	99
47) 2-Chloronaphthalene	9.304	162	637861	42.42	ng	99
48) 2-Nitroaniline	9.398	65	170480	38.89	ng	95
49) Acenaphthylene	9.721	152	910808	41.01	ng	99
50) Dimethylphthalate	9.580	163	671259	38.44	ng	100
51) 2,6-Dinitrotoluene	9.639	165	148175	40.18	ng	94
52) Acenaphthene	9.892	154	573750m	39.93	ng	
53) 3-Nitroaniline	9.809	138	168716	39.59	ng	98
54) 2,4-Dinitrophenol	9.921	184	60436m	33.52	ng	
55) Dibenzofuran	10.062	168	821285	40.64	ng	98
56) 4-Nitrophenol	9.968	139	105275	34.64	ng	94
57) 2,4-Dinitrotoluene	10.045	165	189530	38.58	ng	91
58) Fluorene	10.404	166	611315	38.03	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	171646	37.79	ng	99
60) Diethylphthalate	10.274	149	625977	36.85	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	310196	39.19	ng	96
62) 4-Nitroaniline	10.421	138	165092	38.16	ng	92
63) Azobenzene	10.556	77	590971	37.85	ng	97
65) 4,6-Dinitro-2-methylph...	10.457	198	84029	37.99	ng	90
66) n-Nitrosodiphenylamine	10.515	169	536417	41.85	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	207925	42.30	ng	95
68) Hexachlorobenzene	10.956	284	225075	41.42	ng	94
69) Atrazine	11.039	200	156642	37.63	ng	100
70) Pentachlorophenol	11.151	266	107006	37.17	ng	99
71) Phenanthrene	11.368	178	885427	41.07	ng	98
72) Anthracene	11.421	178	879511	41.14	ng	99
73) Carbazole	11.574	167	781871	40.33	ng	98
74) Di-n-butylphthalate	11.903	149	936313	38.43	ng	99
75) Fluoranthene	12.556	202	882356	39.03	ng	98
77) Benzidine	12.674	184	291713	45.92	ng	98
78) Pyrene	12.786	202	896482	39.48	ng	99
80) Butylbenzylphthalate	13.397	149	382969	37.44	ng	98
81) Benzo(a)anthracene	13.974	228	808443	41.19	ng	98
82) 3,3'-Dichlorobenzidine	13.933	252	288120	40.98	ng	99
83) Chrysene	14.009	228	788782	40.38	ng	100
84) Bis(2-ethylhexyl)phtha...	13.962	149	520162	37.14	ng	99
85) Di-n-octyl phthalate	14.574	149	893740	38.47	ng	98
87) Indeno(1,2,3-cd)pyrene	16.880	276	1034898	49.11	ng	99
88) Benzo(b)fluoranthene	15.015	252	840603	37.32	ng	99
89) Benzo(k)fluoranthene	15.044	252	841235	40.85	ng	99
90) Benzo(a)pyrene	15.374	252	800374	40.62	ng	98
91) Dibenzo(a,h)anthracene	16.897	278	840708	48.75	ng	99
92) Benzo(g,h,i)perylene	17.321	276	864121	51.77	ng	98

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

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