Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112720\
Data File : BF122500.D
Acq On : 27 Nov 2020 14:44
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
11/30/2020 12:00:33 PM

Quant Time: Nov 27 15:07:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	168890	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	613594	20.00	ng		0.00
39) Acenaphthene-d10	9.898	164	333930	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	629870	20.00	ng		0.00
76) Chrysene-d12	14.027	240	572608	20.00	ng		0.00
86) Perylene-d12	15.498	264	581911	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	846291	76.94	ng		-0.01
7) Phenol-d6	6.492	99	1086992	75.54	ng		0.00
23) Nitrobenzene-d5	7.422	82	881902	87.99	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	340458	94.99	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1645281	76.98	ng		0.00
79) Terphenyl-d14	12.974	244	2082678	77.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	180335	35.75	ng		87
3) Pyridine	3.322	79	485272	34.98	ng		88
4) n-Nitrosodimethylamine	3.269	42	198852m	30.41	ng		
6) Aniline	6.516	93	676590	35.84	ng		98
8) 2-Chlorophenol	6.645	128	445691	39.07	ng		87
9) Benzaldehyde	6.404	77	289355	37.14	ng		94
10) Phenol	6.504	94	558829	39.44	ng		83
11) bis(2-Chloroethyl)ether	6.592	93	419805	37.27	ng		93
12) 1,3-Dichlorobenzene	6.798	146	497754	38.44	ng		96
13) 1,4-Dichlorobenzene	6.875	146	504407	38.78	ng		98
14) 1,2-Dichlorobenzene	7.028	146	475748	39.19	ng		99
15) Benzyl Alcohol	6.998	79	380515	37.20	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	559915	34.11	ng		94
17) 2-Methylphenol	7.110	107	366484	38.50	ng		98
18) Hexachloroethane	7.375	117	177744	39.24	ng		91
19) n-Nitroso-di-n-propyla...	7.269	70	292963	34.07	ng		96
20) 3+4-Methylphenols	7.263	107	429861	36.69	ng		98
22) Acetophenone	7.269	105	579457	36.26	ng	#	91
24) Nitrobenzene	7.439	77	465656	40.61	ng		96
25) Isophorone	7.681	82	817717	36.60	ng		95
26) 2-Nitrophenol	7.757	139	233959	47.14	ng		98
27) 2,4-Dimethylphenol	7.798	122	381392	36.19	ng		96
28) bis(2-Chloroethoxy)met...	7.892	93	523005	38.27	ng		99
29) 2,4-Dichlorophenol	7.998	162	380049	40.73	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	411071	39.92	ng		96
31) Naphthalene	8.163	128	1270831	38.96	ng		99
32) Benzoic acid	7.887	122	120919m	25.25	ng		
33) 4-Chloroaniline	8.210	127	550670	38.76	ng		98
34) Hexachlorobutadiene	8.286	225	241564	40.81	ng		99
35) Caprolactam	8.581	113	124142	41.97	ng	#	83
36) 4-Chloro-3-methylphenol	8.692	107	399311	41.03	ng		98
37) 2-Methylnaphthalene	8.857	142	858515	39.83	ng		99
38) 1-Methylnaphthalene	8.957	142	790958	39.21	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	412968	40.13	ng		100
41) Hexachlorocyclopentadiene	9.010	237	235074	39.07	ng		97
43) 2,4,6-Trichlorophenol	9.133	196	276703	41.41	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	300611	42.91	ng		98
46) 1,1'-Biphenyl	9.322	154	1044341	39.29	ng		98
47) 2-Chloronaphthalene	9.345	162	825071	39.11	ng		97
48) 2-Nitroaniline	9.439	65	246332	40.14	ng		92
49) Acenaphthylene	9.763	152	1271977	39.23	ng		100
50) Dimethylphthalate	9.622	163	961379	40.50	ng		100
51) 2,6-Dinitrotoluene	9.681	165	220426	42.23	ng		87
52) Acenaphthene	9.933	154	799374	39.83	ng		100
53) 3-Nitroaniline	9.851	138	240552	40.58	ng		93
54) 2,4-Dinitrophenol	9.957	184	83760	51.07	ng		92
55) Dibenzofuran	10.104	168	1170534	39.81	ng		99
56) 4-Nitrophenol	10.010	139	189258	39.49	ng		97
57) 2,4-Dinitrotoluene	10.086	165	298834	45.20	ng	#	81
58) Fluorene	10.445	166	897392	39.86	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	256285	43.99	ng		97
60) Diethylphthalate	10.316	149	949833	40.79	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	434729	40.90	ng		97
62) 4-Nitroaniline	10.463	138	245403	42.14	ng		98
63) Azobenzene	10.598	77	898192	36.77	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	139602	50.53	ng		93
66) n-Nitrosodiphenylamine	10.557	169	824068	38.40	ng		94
67) 4-Bromophenyl-phenylether	10.928	248	298000	40.26	ng		97
68) Hexachlorobenzene	10.998	284	324356	40.56	ng		94
69) Atrazine	11.080	200	216787	40.56	ng		99
70) Pentachlorophenol	11.192	266	187319	40.66	ng		97
71) Phenanthrene	11.410	178	1400391	39.19	ng		99
72) Anthracene	11.463	178	1425918	38.71	ng		100
73) Carbazole	11.616	167	1318218	39.34	ng		99
74) Di-n-butylphthalate	11.945	149	1485152	41.58	ng		100
75) Fluoranthene	12.598	202	1512646	40.54	ng		98
77) Benzidine	12.722	184	550389	34.66	ng		99
78) Pyrene	12.827	202	1546643	38.45	ng		99
80) Butylbenzylphthalate	13.445	149	647176	40.66	ng		96
81) Benzo(a)anthracene	14.016	228	1403551	39.41	ng		100
82) 3,3'-Dichlorobenzidine	13.980	252	564825	42.56	ng		99
83) Chrysene	14.057	228	1416434	39.49	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	860915	44.39	ng	#	96
85) Di-n-octyl phthalate	14.621	149	1499634	45.62	ng		96
87) Indeno(1,2,3-cd)pyrene	16.968	276	1442541	41.31	ng		99
88) Benzo(b)fluoranthene	15.068	252	1568721	41.63	ng		100
89) Benzo(k)fluoranthene	15.104	252	1322125	35.98	ng		99
90) Benzo(a)pyrene	15.433	252	1310986	39.90	ng		100
91) Dibenzo(a,h)anthracene	16.986	278	1186596	40.57	ng		99
92) Benzo(g,h,i)perylene	17.415	276	1187170	41.74	ng		98

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

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